

Natural Gas Monthly

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Natural Gas Publications and Databases Available Electronically

All of the natural gas publications are available electronically on the EIA website. Certain natural gas data are also provided in database formats on the web site. The table below is a guide to the major natural gas products.

Product	Format	Contents
Publications		
<i>Natural Gas Weekly Update</i>	PDF	Analysis of current price, supply and storage data
<i>Natural Gas Monthly</i>	PDF	Monthly supply, disposition, and price data
<i>Natural Gas Annual</i>	PDF	Annual supply, disposition, and price data
<i>Historical Natural Gas Annual</i>	PDF	Historical annual supply, disposition, and price data from 1930 - 1999
<i>Issues and Trends</i>	PDF	Comprehensive analysis of growth and change in the natural gas industry
<i>U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves</i>	PDF	Proved reserves in the United States
<i>Oil and Gas Field Code Master List</i>	PDF	Listing of U.S. oil and gas field names
<u>Databases</u>		
Monthly Data	TXT	Tables 1-6, and 9 from the <i>Natural Gas Monthly</i>
Historical Monthly Data	EXE	Consumption and price data, 1984-1994; 1995-present
Annual Data	TXT	Tables from the <i>Natural Gas Annual</i>
Historical Annual Data	TXT	Tables from the <i>Historical Natural Gas Annual</i>
Field Codes	EXE	Oil & Gas Field Code Master List
<u>Applications</u>		
EIA-176 Query System	EXE	Company filings to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"
EIAGIS	EXE	Periodic updates for users of the EIAGIS-NG Geographic Information System

Preface

The *Natural Gas Monthly* (NGM) is prepared in the Natural Gas Division, Office of Oil and Gas, Energy Information Administration (EIA), U.S. Department of Energy (DOE), under the direction of Elizabeth Campbell.

General questions and comments regarding the NGM may be referred to Margaret Natof (202) 586-6303. Specific technical questions may be referred to the appropriate persons listed in Appendix E.

The NGM highlights activities, events, and analyses of interest to public and private sector organizations associated with the natural gas industry. Volume and price data are presented each month for natural gas production, distribution, consumption, and interstate pipeline activities. Producer-related activities and underground storage data are also reported. From time to time, the NGM features articles designed to assist readers in using and interpreting natural gas information.

The data in this publication are collected on surveys conducted by the EIA to fulfill its responsibilities for gathering and reporting energy data. Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE, which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. Geographic coverage is the 50 States and the District of Columbia.

Explanatory Notes supplement the information found in tables of the report. A description of the data collection surveys that support the NGM is provided in the Data Sources section. A glossary of the terms used in this report is also provided to assist readers in understanding the data presented in this publication.

All natural gas volumes are reported at a pressure base of 14.73 pounds per square inch absolute (psia) and at 60 degrees Fahrenheit. Cubic feet are converted to cubic meters by applying a factor of 0.02831685.

Notice

The Energy Information Administration (EIA) **will no longer print paper copies of the *Natural Gas Monthly* publication for mail list distribution** after release of the December 2001 report. The report will continue to be available on EIA's web site www.eia.doe.gov. Customers who do not have access to the Internet may call the National Energy Information Center (NEIC) to request a single print-on-demand copy (a black and white bound printed document). To take advantage of this service, please call the NEIC at 202-586-8800 or email them at infoctr@eia.doe.gov. This service is provided free of charge for a single copy. Please note: NEIC will not accept or print multiple copy orders.

Current subscribers will receive their final printed copy of the *Natural Gas Monthly* in January 2002 (the December 2001 report). After that, please check our web site each month for the report by doing the following:

Go to EIA's home page at www.eia.doe.gov
Under "By Fuel", click on "Natural Gas"
On the left sidebar, click on "Publications"
Scroll down to locate the *Natural Gas Monthly* and click on it

Common Abbreviations Used in the Natural Gas Monthly

AGA	American Gas Association	Mcf	Thousand Cubic Feet
Bcf	Billion Cubic Feet	MMBtu	Million British Thermal Units
Btu	British Thermal Unit	MMcf	Million Cubic Feet
DOE	U.S. Department of Energy	MMS	United States Minerals Management Service, U.S. Department of the Interior
DOI	U.S. Department of the Interior	OCS	Outer Continental Shelf
EIA	Energy Information Administration, U.S. Department of Energy	STIFS	Short-Term Integrated Forecasting System
FERC	Federal Energy Regulatory Commission	STEO	Short Term Energy Outlook
IOGCC	Interstate Oil and Gas Compact Commission	Tcf	Trillion Cubic Feet
LNG	Liquefied Natural Gas		

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Highlights

This issue of the *Natural Gas Monthly* contains estimates of natural gas data through November 2001 for many data series at the national level. National-level natural gas prices are available through July 2001 (electric utilities), August (residential, commercial, and industrial), and October (wellhead). State-level data generally are available through August 2001, although underground storage data are available through September 2001.

Recent analyses of the natural gas industry are available on the EIA web site, under "Featured Topics" to the right side of the home page. The first two reports listed below are updated regularly, while the third is a one-time report that was released in October 2001. These reports are:

- *Natural Gas Weekly Update* - a current analysis of the industry each week, including information on natural gas spot and futures prices and storage activities. This page also provides links to numerous other EIA sites dealing with natural gas.

- *Short Term Energy Outlook* - projections of energy consumption, supply, and price by type of fuel, including natural gas, for the next 18 months.
- *Natural Gas Transportation - Infrastructure Issues and Operational Trends* - examines how well the current national natural gas pipeline network has been able to handle today's market demand for natural gas. In addition, it identifies those areas of the country where pipeline utilization is continuing to grow rapidly and where new pipeline capacity is needed or is planned over the next several years.

Other natural gas data and analyses may be found through the "Natural Gas" section of EIA's web site. In the center section of the home page, the user should place the cursor on "By Fuel," then click on "Natural Gas" in the drop-down menu.

Adjustment of 2000 Monthly Data

This issue of the *Natural Gas Monthly* contains revisions of several of the 2000 monthly data series. These data series have been revised so that their totals for the 12 months of the year agree with the annual totals shown in the *Natural Gas Annual 2000*. The data series that were adjusted to annual totals are: natural gas production, wellhead prices, underground storage injections and withdrawals, consumption, and consumer prices.

The revisions are the result of an adjustment process that is performed each year when data received from an annual census of respondents become available. Before the process begins, all revisions and corrections that had been received throughout the year are included in the monthly base figures. Then the annual adjustment process aligns the monthly estimates for sectoral consumption, sectoral prices, and underground storage injections and withdrawals, which had been developed using monthly survey information, to agree with the annual summaries of data reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and published in the *Natural Gas Annual 2000*. Natural gas production and wellhead prices are also revised using the best information obtained from producing States and the U.S. Minerals Management Service.

Appendices A (Explanatory Notes), B (Data Sources), and C (Statistical Considerations) of this publication provide further information about data sources, estimation procedures, annual adjustments, and sample design. These appendices may be helpful in evaluating the monthly data.

Table 1. Summary of Natural Gas Production in the United States, 1995-2001
(Billion Cubic Feet)

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production (Wet)	Extraction Loss ^b	Dry Gas Production ^c
1995 Total	23,744	3,565	388	284	19,506	908	18,599
1996 Total	24,114	3,511	518	272	19,812	958	18,854
1997 Total	24,213	3,492	599	256	19,866	964	18,902
1998 Total	^R 24,108	^R 3,427	^R 617	^R 103	^R 19,961	938	^R 19,024
1999							
January	^R 2,066	^R 294	^R 52	^R 11	^R 1,709	84	^R 1,625
February	^R 1,874	^R 277	^R 47	^R 9	^R 1,541	76	^R 1,465
March	^R 2,064	^R 297	^R 52	^R 9	^R 1,706	84	^R 1,622
April	^R 1,960	^R 272	^R 48	^R 10	^R 1,630	80	^R 1,549
May	^R 1,975	^R 253	^R 52	^R 10	^R 1,660	82	^R 1,579
June	^R 1,937	^R 260	48	^R 9	^R 1,621	80	^R 1,541
July	^R 1,983	253	^R 53	^R 9	^R 1,668	^R 82	^R 1,586
August	^R 1,986	^R 261	^R 52	^R 8	^R 1,664	82	^R 1,582
September	^R 1,937	^R 266	^R 51	^R 9	^R 1,611	79	^R 1,532
October	^R 2,017	286	53	^R 9	^R 1,669	82	^R 1,587
November	^R 1,983	282	^R 53	^R 8	^R 1,641	^R 81	^R 1,560
December	^R 2,041	293	^R 53	^R 8	^R 1,687	^R 83	^R 1,604
Total	^R 23,823	^R 3,293	^R 615	^R 110	^R 19,805	973	^R 18,832
2000							
January	^R 2,061	^R 302	^R 51	^R 8	^R 1,700	^R 86	^R 1,614
February	^R 1,917	^R 289	^R 50	^R 10	^R 1,569	^R 80	^R 1,489
March	^R 2,085	^R 307	^R 54	^R 7	^R 1,717	^R 87	1,630
April	^R 1,966	^R 282	^R 51	^R 10	^R 1,623	^R 82	^R 1,540
May	^R 2,009	^R 264	^R 52	^R 8	^R 1,686	^R 86	^R 1,600
June	^R 1,971	^R 268	^R 52	^R 8	^R 1,643	^R 83	^R 1,560
July	^R 2,024	^R 264	^R 53	^R 11	^R 1,697	^R 86	^R 1,611
August	^R 2,042	^R 275	^R 53	^R 8	^R 1,707	^R 87	^R 1,620
September	^R 1,985	^R 279	^R 52	^R 8	^R 1,647	^R 84	^R 1,563
October	^R 2,088	^R 302	^R 53	^R 8	^R 1,725	^R 88	^R 1,638
November	^R 1,986	^R 297	^R 45	^R 7	^R 1,636	83	^R 1,553
December	^R 2,019	^R 306	^R 54	^R 7	^R 1,652	^R 84	^R 1,568
Total	^R 24,153	^R 3,434	^R 617	^R 100	^R 20,002	^R 1,016	^R 18,987
2001							
January	^{RE} 2,143	^{RE} 320	^{RE} 41	^{RE} 9	^{RE} 1,773	^{RE} 90	^{RE} 1,683
February	^{RE} 1,939	^{RE} 292	^{RE} 38	^{RE} 8	^{RE} 1,602	^{RE} 81	^{RE} 1,520
March	^{RE} 2,165	^{RE} 339	^{RE} 41	^{RE} 9	^{RE} 1,777	^{RE} 90	^{RE} 1,687
April	^{RE} 2,068	^{RE} 309	^{RE} 38	^{RE} 8	^{RE} 1,713	^{RE} 87	^{RE} 1,626
May	^{RE} 2,115	^{RE} 302	^{RE} 40	^{RE} 9	^{RE} 1,765	^{RE} 90	^{RE} 1,675
June	^{RE} 1,995	^{RE} 285	^{RE} 37	^{RE} 8	^{RE} 1,665	^{RE} 85	^{RE} 1,581
July	^{RE} 2,081	^{RE} 287	^{RE} 40	^{RE} 10	^{RE} 1,744	^{RE} 89	^{RE} 1,656
August	^{RE} 2,049	^{RE} 289	^{RE} 39	^{RE} 9	^E 1,712	^{RE} 87	^{RE} 1,625
September	^E 1,991	^E 280	^E 38	^E 9	^E 1,665	^E 85	^E 1,580
October(STIFS)	NA	NA	NA	NA	^E 1,729	^E 85	^E 1,644
November(STIFS)	NA	NA	NA	NA	^E 1,673	^E 83	^E 1,591
2001 YTD	NA	NA	NA	NA	^E 18,818	^E 951	^E 17,866
2000 YTD	22,134	3,128	563	93	18,350	932	17,419
1999 YTD	21,782	3,000	562	102	18,118	890	17,228

^a See Appendix A, Explanatory Note 1, for a discussion of data on Nonhydrocarbon Gases Removed.

^b Extraction loss is collected only on an annual basis. Monthly extraction loss is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

^c Equal to marketed production (wet) minus extraction loss.

^R Revised Data.

^E Estimated Data.

^{RE} Revised Estimated Data.

NA Not Available.

Notes: Data for 1995 through 2000 are final. All other data are preliminary

unless otherwise indicated and contain estimates for selected States (see Table 7). Estimates for the most recent two months are derived from the Short-Term Integrated Forecasting System (STIFS). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1995-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000*. January 2001 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," STIFS, and EIA estimates. See Appendix A, Explanatory Notes 1, 3, and 6, for discussion of computation and estimation procedures and revision policies.

Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1995-2001
(Billion Cubic Feet)

Year and Month	Dry Gas Production	Supplemental Gaseous Fuels ^a	Net Imports	Net Storage Withdrawals ^b	Balancing Item ^c	Consumption ^d
1995 Total	18,599	110	2,687	415	-230	21,581
1996 Total	18,854	109	2,784	2	217	21,967
1997 Total	18,902	103	2,837	24	61	21,959
1998 Total	^R 19,024	102	2,993	-530	^R -334	^R 21,277
1999						
January	^R 1,625	10	298	^R 636	^R 40	^R 2,530
February	^R 1,465	8	273	^R 328	^R 53	^R 2,127
March	^R 1,622	9	286	^R 303	^R 51	^R 2,168
April	^R 1,549	8	258	^R 92	^R 65	^R 1,789
May	^R 1,579	8	277	^R 344	^R 13	^R 1,506
June	^R 1,541	6	268	^R 315	^R 75	^R 1,426
July	^R 1,586	8	283	^R 223	^R 124	^R 1,530
August	^R 1,582	8	299	^R 227	^R 89	^R 1,574
September	^R 1,532	7	290	^R 322	^R 47	^R 1,459
October	^R 1,587	8	294	^R 159	^R 153	^R 1,577
November	^R 1,560	8	287	^R 33	^R 173	^R 1,715
December	^R 1,604	10	308	^R 553	^R 264	^R 2,211
Total	^R 18,832	98	3,422	^R 172	^R -897	^R 21,620
2000						
January	^R 1,614	^R 9	308	^R 799	^R 220	^R 2,510
February	^R 1,489	^R 8	279	^R 460	^R 95	^R 2,331
March	1,630	^R 7	286	^R 155	^R 28	^R 2,051
April	^R 1,540	^R 6	277	^R 47	^R 6	^R 1,783
May	^R 1,600	^R 6	268	^R 237	^R 5	^R 1,633
June	^R 1,560	^R 5	280	^R 291	^R 41	^R 1,513
July	^R 1,611	^R 7	303	^R 296	^R 99	^R 1,526
August	^R 1,620	^R 7	298	^R 201	^R 71	^R 1,653
September	^R 1,563	^R 6	284	^R 297	^R 81	^R 1,475
October	^R 1,638	^R 7	301	^R 247	^R 131	^R 1,568
November	^R 1,553	^R 8	305	^R 295	^R 252	^R 1,909
December	^R 1,568	^R 9	349	^R 735	^R 74	^R 2,587
Total	^R 18,987	^R 86	3,538	^R 829	^R -827	^R 22,547
2001						
January	^{RE} 1,683	^{RE} 13	346	467	^R 132	^R 2,640
February	^{RE} 1,520	^{RE} 11	301	338	^R 123	^R 2,293
March	^{RE} 1,687	^{RE} 12	325	181	^R 8	^R 2,212
April	^{RE} 1,626	^{RE} 9	296	-276	^R 116	^R 1,770
May	^{RE} 1,675	^{RE} 9	299	-448	^R 46	^R 1,489
June	^{RE} 1,581	^{RE} 8	297	-422	^R 94	^R 1,369
July	^{RE} 1,656	^{RE} 10	^{RE} 319	-376	^R 130	^R 1,478
August	^{RE} 1,625	^{RE} 9	^{RE} 322	-305	^R 114	1,537
September	^E 1,580	^E 9	^E 317	-368	^E 110	^R 1,429
October(STIFS)	^E 1,644	^E 9	^{RE} 312	^{RE} 165	^{RE} 342	^{RE} 1,458
November(STIFS)	^E 1,591	^E 10	^E 317	^E 51	^E 217	^E 1,650
2001 YTD	^E 17,866	^E 110	^E 3,451	^E -1,427	^E -675	^E 19,326
2000 YTD	17,419	77	3,189	93	-826	19,951
1999 YTD	17,228	88	3,114	-382	-647	19,403

^a Supplemental gaseous fuels data are collected only on an annual basis except for the Dakota Gasification Inc. coal gasification facility which provides data each month. The ratio of annual supplemental fuels (excluding Dakota Gasification Inc.) to the sum of dry gas production, net imports, and net withdrawals from storage is calculated. This ratio is applied to the monthly sum of these three elements. The Dakota Gasification Inc. monthly value is added to the result to produce the monthly supplemental fuels estimate.

^b Monthly and annual data for 1995 through 2000 include underground storage and liquefied natural gas storage. Data for January 2001 forward include underground storage only. See Appendix A, Explanatory Note 7 for discussion of computation procedures.

^c Represents quantities lost and imbalances in data due to differences among data sources. Annual balancing item for 1997-2000 includes net intransit deliveries through the United States for natural gas not contained in the monthly net imports figures. These intransit deliveries were (in billion cubic feet): -65 for 2000; -8 for 1999; 22 for 1998; 31 for 1997. See Appendix A, Explanatory Note 9, for full discussion.

^d Consists of pipeline fuel use, lease and plant fuel use, vehicle fuel, and deliveries to consuming sectors as shown in Table 3.

^R Revised Data.

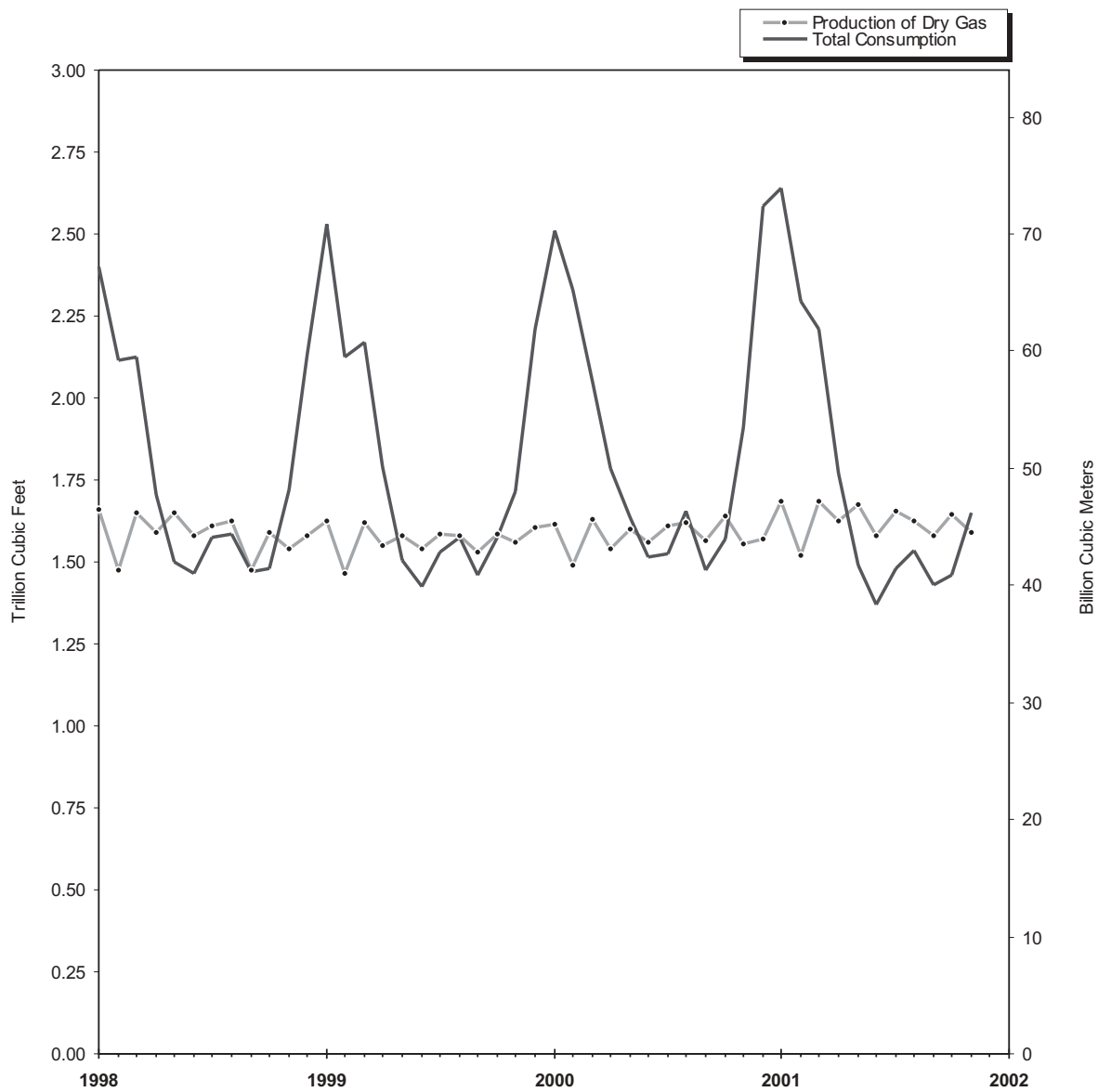
^E Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1995 through 2000 are final. All other data are preliminary unless otherwise indicated. Estimates for the most recent two months are derived from the Short-Term Integrated Forecasting System (STIFS). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1995-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000*. January 2001 through current month: EIA, Form EIA-895, Form EIA-857, Form EIA-191, EIA computations and estimates, Short-Term Integrated Forecasting System (STIFS) computations, and Office of Fossil Energy, *"Natural Gas Imports and Exports."* See Appendix A for discussion of computation and estimation procedures and revision policies.

Figure 1. Production and Consumption of Natural Gas in the United States, 1998-2001



Source: Table 2.

Table 3. Natural Gas Consumption in the United States, 1995-2001
(Billion Cubic Feet)

Year and Month	Lease and Plant Fuel ^a	Pipeline Fuel ^b	Delivered to Consumers					Total Consumption
			Residential	Commercial ^c	Industrial	Electric Utilities	Total	
1995 Total	1,220	700	4,850	3,034	8,580	3,197	19,660	21,581
1996 Total	1,250	711	5,241	3,161	8,870	2,732	20,006	21,967
1997 Total	1,203	751	4,984	3,219	8,832	2,968	20,004	21,959
1998 Total	^R 1,173	635	4,520	3,005	8,686	3,258	19,469	^R 21,277
1999								
January	93	^R 77	911	^R 476	797	176	^R 2,360	^R 2,530
February	85	^R 64	690	^R 400	^R 740	149	1,979	^R 2,127
March	^R 93	^R 65	669	^R 389	^R 748	204	2,010	^R 2,168
April	89	^R 53	420	^R 259	713	254	1,647	^R 1,789
May	90	^R 45	235	^R 176	690	270	1,372	^R 1,506
June	88	^R 42	158	144	673	322	^R 1,296	^R 1,426
July	^R 90	^R 45	127	^R 132	^R 702	434	^R 1,395	^R 1,530
August	90	^R 47	116	^R 137	^R 752	432	^R 1,437	^R 1,574
September	88	^R 43	135	^R 137	^R 773	283	^R 1,328	^R 1,459
October	91	^R 47	234	181	785	240	^R 1,439	^R 1,577
November	^R 90	^R 51	372	^R 245	785	172	1,574	^R 1,715
December	^R 92	^R 67	660	^R 368	849	176	^R 2,052	^R 2,211
Total	^R 1,079	^R 645	4,726	3,050	^R 9,006	3,113	^R 19,895	^R 21,620
2000								
January	^R 96	^R 73	^R 862	^R 454	^R 835	190	^R 2,342	^R 2,510
February	^R 89	^R 67	^R 774	^R 423	^R 809	167	^R 2,174	^R 2,331
March	^R 97	^R 59	^R 550	^R 353	^R 785	208	^R 1,894	^R 2,051
April	^R 92	^R 51	^R 401	^R 259	^R 767	215	^R 1,640	^R 1,783
May	^R 94	^R 46	^R 228	^R 183	^R 772	309	^R 1,492	^R 1,633
June	^R 92	^R 43	154	^R 150	^R 767	307	^R 1,378	^R 1,513
July	^R 95	^R 43	^R 128	^R 139	^R 746	373	^R 1,387	^R 1,526
August	^R 96	^R 47	^R 122	^R 153	^R 825	410	^R 1,510	^R 1,653
September	^R 93	^R 42	^R 141	^R 151	^R 765	284	^R 1,340	^R 1,475
October	^R 98	^R 44	^R 236	^R 184	^R 793	213	^R 1,426	^R 1,568
November	^R 93	^R 55	^R 482	^R 293	^R 806	180	1,761	^R 1,909
December	^R 94	^R 75	^R 913	^R 475	^R 843	187	^R 2,418	^R 2,587
Total	^R 1,130	^R 644	^R 4,992	^R 3,226	^R 9,512	3,043	^R 20,772	^R 22,547
2001								
January	^{RE} 100	^R 75	987	528	793	157	2,465	^R 2,640
February	^{RE} 90	^R 66	791	452	751	143	2,137	^R 2,293
March	^{RE} 100	^R 63	690	396	791	171	2,049	^R 2,212
April	^{RE} 97	^R 51	410	274	728	211	1,623	^R 1,770
May	^{RE} 100	^R 43	214	200	697	235	1,346	^R 1,489
June	^{RE} 94	^R 39	150	169	656	261	1,236	^R 1,369
July	^{RE} 99	^R 42	126	156	700	355	1,338	^R 1,478
August	^E 97	44	119	156	762	360	1,396	1,537
September(STIFS)	^E 94	41	^R 134	^R 145	^R 749	NA	^R 1,294	^R 1,429
October(STIFS)	^E 95	^E 52	^{RE} 201	^{RE} 166	^{RE} 749	NA	^{RE} 1,311	^{RE} 1,458
November(STIFS)	^E 93	^E 58	^E 359	^E 246	^E 744	NA	^E 1,499	^E 1,650
2001 YTD^d	1,058	574	4,183	2,888	8,120	1,892	17,693	19,326
2000 YTD^d	1,036	569	4,078	2,743	8,668	2,179	18,346	19,951
1999 YTD^d	987	579	4,066	2,677	8,157	2,242	17,837	19,403

^a Plant fuel data and monthly lease fuel data are collected only annually. Monthly lease and plant fuel use is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

^b Pipeline fuel use is collected only on an annual basis. Monthly pipeline fuel data are estimated from monthly total consumption(excluding pipeline fuel) by assuming that the preceding annual percentage remains constant for the next twelve months.

^c Vehicle fuel is included in the annual total of deliveries to commercial consumers for 1995-2000 but not in the monthly volumes. Volumes delivered for use as vehicle fuel (in billion cubic feet) were 2.7 in 1995, 2.9 in 1996, 4.4 in 1997, 5.1 in 1998, 5.7 in 1999, and 8.3 in 2000.

^d Year-to-date volume represents months for which volume information is available in the current year.

^R Revised Data.

^E Estimated Data.

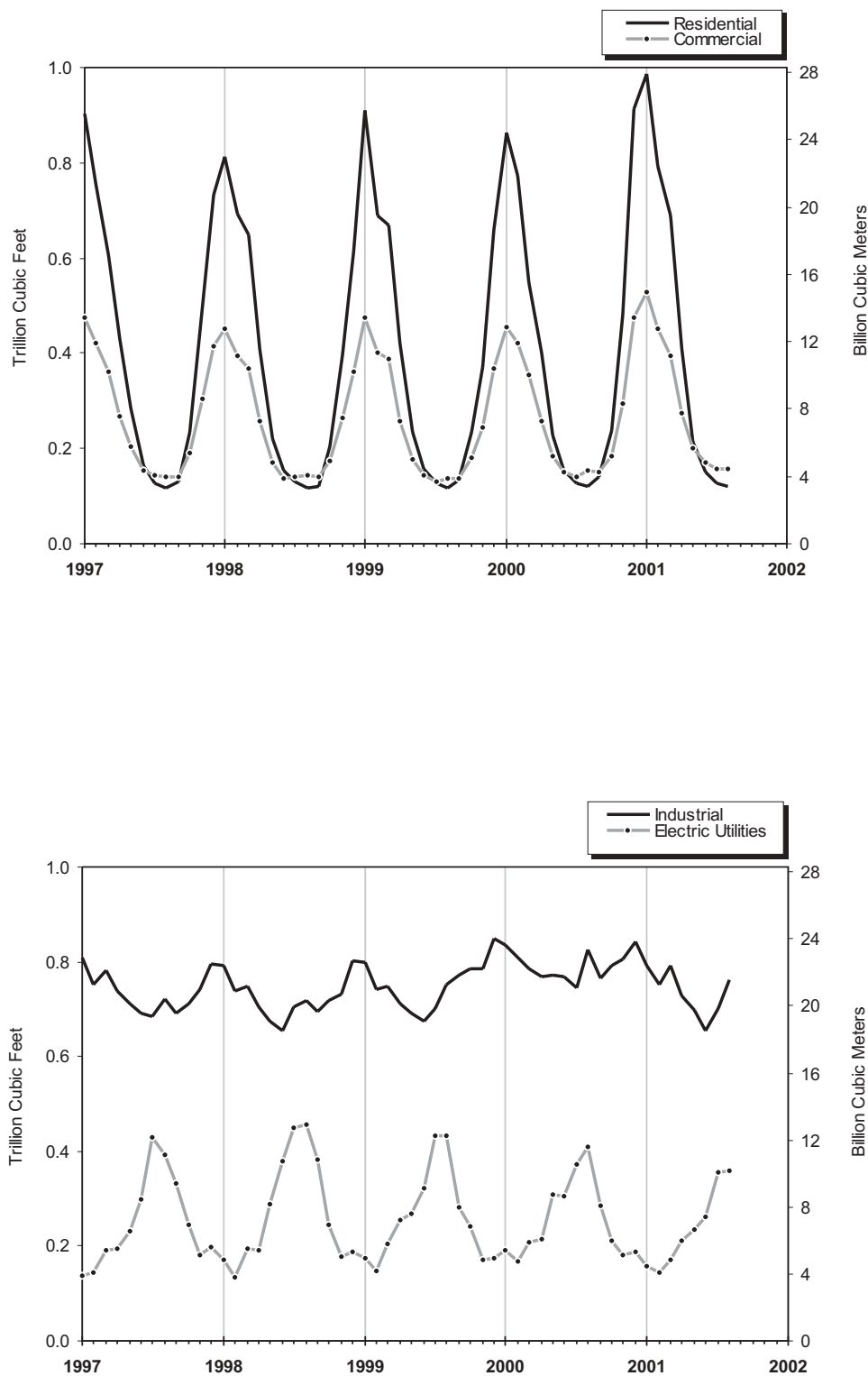
^{RE} Revised Estimated Data.

NA Not Available.

Notes: Data for 1995 through 2000 are final. All other data are preliminary unless otherwise indicated. Estimates for the most recent three months are derived from the Short-Term Integrated Forecasting System (STIFS). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding. Beginning in 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use. See Explanatory Note 5 for further explanation.

Sources: 1995-2000: Energy Information Administration (EIA): Form EIA-895 "Monthly Quantity and Value of Natural Gas Report," Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-759, "Monthly Power Plant Report," EIA computations, and *Natural Gas Annual 2000*. January 2001 through the current month: EIA: Form EIA-895, Form EIA-857, Form EIA-759, and STIFS computations. See Appendix A, Explanatory Note 5, for computation procedures and revision policy.

Figure 2. Natural Gas Deliveries to Consumers in the United States, 1997-2001



Source: Table 3.

Table 4. Selected National Average Natural Gas Prices, 1995-2001

(Dollars per Thousand Cubic Feet)

Year and Month	Wellhead Price ^a	City Gate Price	Delivered to Consumers					
			Residential Price	Commercial		Industrial		Electric Utilities Price
				Price	% of Total ^b	Price	% of Total ^b	
1995 Annual Average	1.55	2.78	6.06	5.05	76.7	2.71	24.5	2.02
1996 Annual Average	2.17	3.34	6.34	5.40	77.6	3.42	19.4	2.69
1997 Annual Average	2.32	3.66	6.94	5.80	70.8	3.59	18.1	2.78
1998 Annual Average	^R 1.96	3.07	6.82	5.48	67.0	3.14	16.1	2.40
1999								
January	^R 1.85	^R 2.85	6.00	5.19	73.1	3.29	16.9	2.32
February	^R 1.77	^R 2.92	6.29	5.28	69.7	2.92	16.8	2.26
March	^R 1.70	^R 2.77	6.06	4.97	^R 69.2	^R 2.96	17.4	2.15
April	^R 1.90	^R 2.88	6.44	^R 5.31	^R 65.3	3.00	16.6	2.29
May	^R 2.17	^R 3.25	7.30	5.34	^R 61.0	2.86	16.0	2.57
June	^R 2.14	^R 3.12	8.20	5.29	^R 61.0	^R 2.82	15.8	2.53
July	^R 2.20	^R 3.11	8.83	^R 5.43	58.2	2.86	15.7	2.58
August	^R 2.51	^R 3.39	9.14	^R 5.45	^R 56.5	^R 2.98	^R 18.9	2.86
September	^R 2.62	^R 3.59	8.63	5.55	60.0	^R 3.40	^R 17.6	2.98
October	^R 2.52	^R 3.21	7.56	5.46	^R 61.6	3.20	17.5	2.83
November	^R 2.68	^R 3.71	7.15	5.72	63.0	3.51	17.7	3.01
December	^R 2.24	^R 3.19	6.51	^R 5.57	^R 67.9	^R 3.16	^R 21.2	2.68
Annual Average	^R 2.19	^R 3.10	6.69	5.33	66.2	3.10	^R 17.5	2.62
2000								
January	^R 2.60	^R 3.27	^R 6.37	^R 5.78	^R 66.5	^R 3.41	^R 18.7	2.74
February	^R 2.73	^R 3.48	^R 6.54	^R 5.96	^R 67.4	^R 3.68	^R 19.4	2.96
March	^R 2.66	3.54	^R 6.91	^R 5.78	^R 62.4	^R 3.54	^R 18.2	3.00
April	^R 2.86	^R 3.72	^R 7.19	^R 6.04	^R 61.2	^R 3.59	^R 18.0	3.23
May	^R 3.04	4.15	^R 8.26	^R 5.98	^R 59.6	^R 3.67	^R 17.0	3.63
June	^R 3.77	^R 5.19	^R 9.50	^R 6.49	^R 56.5	4.24	^R 18.1	4.45
July	^R 3.84	^R 5.20	^R 10.33	^R 6.56	^R 55.5	^R 4.55	^R 17.6	4.35
August	^R 3.73	^R 4.63	^R 10.37	^R 6.09	^R 57.7	^R 4.33	^R 17.1	4.27
September	4.26	^R 5.21	^R 10.10	^R 6.93	^R 56.0	^R 4.88	^R 16.5	4.85
October	^R 4.58	^R 5.66	^R 9.44	^R 7.49	^R 58.5	^R 5.45	^R 16.6	5.17
November	^R 4.40	5.20	^R 8.58	^R 7.57	^R 63.0	5.39	^R 19.8	5.37
December	^R 5.77	^R 6.64	^R 8.56	^R 8.20	^R 67.5	^R 6.67	^R 20.4	8.23
Annual Average	^R 3.68	^R 4.62	^R 7.76	^R 6.59	^R 62.9	^R 4.48	^R 18.1	^R 4.38
2001								
January	^E 8.06	8.90	10.04	9.34	68.9	8.68	15.8	9.47
February	^E 5.84	7.25	10.32	9.66	67.0	7.28	15.6	6.85
March	^E 5.15	6.19	9.86	8.98	66.0	6.35	14.4	5.69
April	^E 5.21	6.44	10.10	8.83	63.3	6.13	13.8	5.70
May	^E 4.56	5.89	11.04	8.39	55.8	5.41	12.0	5.14
June	^E 3.88	5.36	11.51	6.82	61.2	4.75	12.4	4.51
July	^E 3.39	4.13	11.00	6.91	53.5	4.26	12.1	3.83
August	^E 3.23	4.77	10.70	6.60	53.8	3.86	17.3	NA
September	^E 2.55	NA	NA	NA	NA	NA	NA	NA
October	^E 2.40	NA	NA	NA	NA	NA	NA	NA
2001 YTD^c	^E 4.43	6.75	10.26	8.74	63.6	5.95	14.3	5.45
2000 YTD^c	3.41	3.87	7.20	5.98	62.7	3.86	18.0	3.64
1999 YTD^c	2.14	2.96	6.54	5.23	67.0	2.97	16.8	2.43

^a See Appendix A, Explanatory Note 8, for discussion of wellhead prices.

^b Percentage of total deliveries represented by onsystem sales, see Figure 6. See Table 25 for State data.

^c Year-to-date price represents months for which price information is available in the current year. The wellhead year-to-date price is 2 months ahead of the city gate, residential, commercial, and industrial year-to-date prices. The electric utility year-to-date price is 1 month behind the city gate, residential, commercial, and industrial year-to-date prices.

^R Revised Data.

^E Estimated Data.

NA Not Available.

Notes: Data for 1995 through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. In 1996, consumption of natural gas for agricultural use was classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use. See Explanatory Note 5 for further explanation.

Sources: 1995-2000: Energy Information Administration (EIA) *Natural Gas Annual 2000*. January 2001 through current month: EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and EIA estimates. See Appendix A, Explanatory Note 8 for estimation procedures and revision policy.

Figure 3. Average Price of Natural Gas Delivered to Consumers in the U.S., 1997-2001

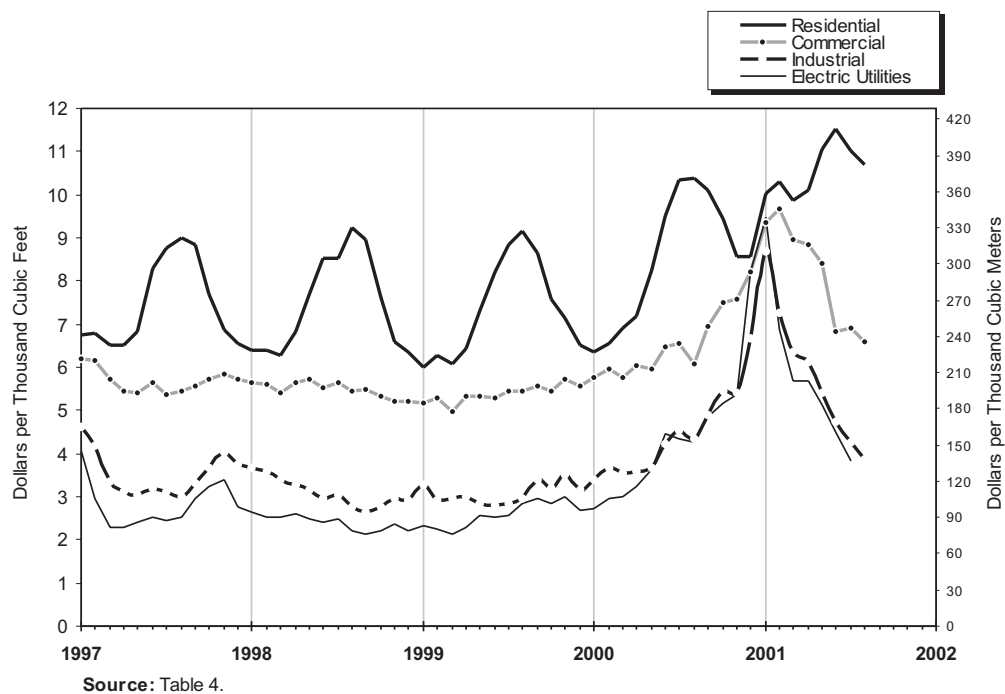


Figure 4. Average Price of Natural Gas in the United States, 1997-2001

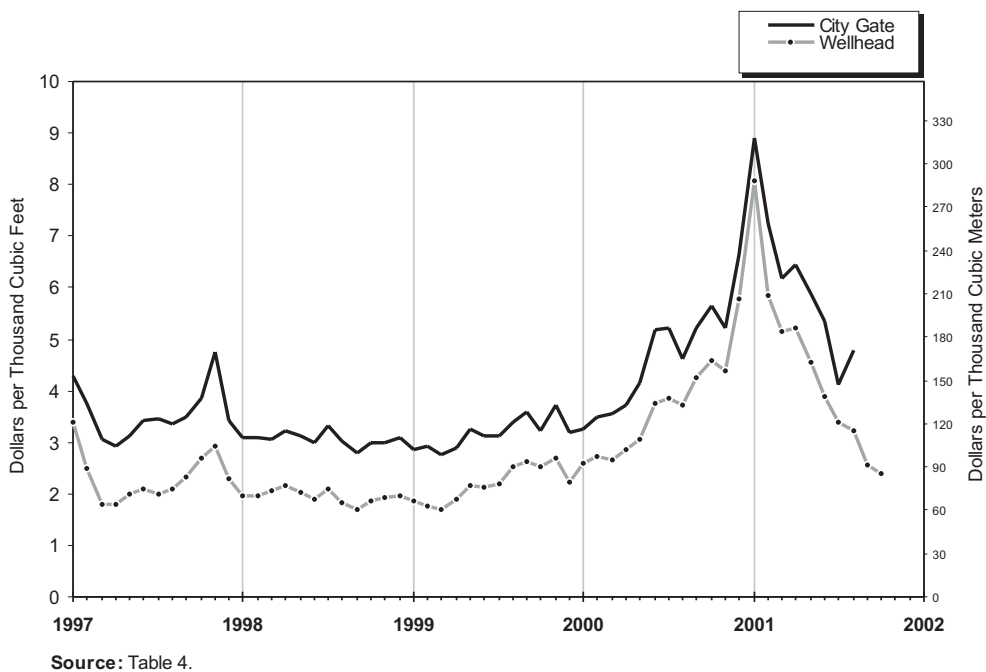


Table 5. U.S. Natural Gas Imports, by Country, 1995-2001

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Year and Month	Pipeline				LNG					
	Canada		Mexico		Algeria		Australia		Nigeria	
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price
1995 Total	2,816,408	1.48	6,722	1.53	17,918	2.30	0	—	0	—
1996 Total	2,883,277	1.96	13,862	2.25	35,325	2.70	0	—	0	—
1997 Total	2,899,152	2.15	17,243	2.31	65,675	2.67	9,686	2.92	0	—
1998 Total	3,052,073	1.95	14,532	2.03	68,567	2.51	11,634	3.30	0	—
1999										
January	292,833	2.02	4,891	1.74	13,066	2.42	0	—	0	—
February	269,126	1.90	4,398	1.69	7,684	2.51	2,557	3.55	0	—
March	287,769	1.77	751	1.60	13,090	2.44	0	—	0	—
April	257,065	1.83	4,193	2.02	7,637	2.35	0	—	0	—
May	275,219	2.18	6,844	1.94	3,898	2.13	0	—	0	—
June	260,240	2.13	4,978	2.12	2,528	2.17	2,314	2.33	0	—
July	278,424	2.17	3,877	2.21	5,134	2.18	0	—	0	—
August	288,717	2.39	6,028	2.61	2,554	2.17	2,302	2.37	0	—
September	280,798	2.64	4,643	2.39	7,593	2.49	0	—	0	—
October	287,177	2.50	4,168	2.49	5,118	2.48	2,309	2.42	0	—
November	284,514	2.85	6,463	2.31	2,440	2.85	0	—	0	—
December	305,663	2.32	3,296	2.08	5,021	2.51	2,422	2.76	0	—
Total	3,367,545	2.23	54,530	2.14	75,763	2.41	11,904	2.70	0	—
2000										
January	310,181	2.42	2,911	2.30	5,026	2.61	0	—	0	—
February	289,222	2.57	730	2.50	4,987	3.76	0	—	0	—
March	291,469	2.60	316	2.60	3,990	2.49	0	—	0	—
April	273,881	2.85	756	2.97	2,566	2.72	2,274	3.21	0	—
May	274,616	3.05	0	—	2,453	3.13	0	—	0	—
June	278,529	3.89	0	—	2,529	3.53	0	—	2,488	4.14
July	293,353	3.99	27	4.01	2,562	3.40	2,285	3.26	2,496	4.86
August	295,355	3.65	10	4.64	2,370	3.87	0	—	2,510	3.56
September	282,921	4.19	209	5.00	2,556	4.11	1,270	3.28	2,658	3.52
October	296,022	5.27	1,115	5.17	7,570	3.46	0	—	2,503	5.80
November	309,337	4.94	1,231	5.61	2,552	3.98	116	3.44	0	—
December	349,079	7.47	4,297	8.73	7,786	4.29	0	—	0	—
Total	3,543,966	3.97	11,601	5.43	46,947	3.48	5,945	3.25	12,654	4.37
2001										
January	352,107	9.64	2,416	7.98	5,020	4.05	0	—	2,478	10.79
February	305,715	6.49	1,139	5.45	7,658	5.52	0	—	5,068	6.25
March	334,321	5.42	1,482	4.89	7,606	5.87	0	—	2,535	9.05
April	295,353	5.40	2,102	5.11	5,009	3.88	0	—	4,822	5.42
May	300,954	5.02	0	—	7,572	3.58	0	—	5,067	5.43
June	296,209	3.92	0	—	2,521	2.64	0	—	7,547	4.92
July	323,225	NA	RE0	—	7,754	NA	2,285	NA	2,496	NA
August	^R 329,107	NA	RE0	—	5,058	NA	0	—	^R 2,606	NA
September	^E 322,193	NA	^E 1,159	NA	5,087	NA	0	—	2,595	NA
2001 YTD	^E 2,859,185	NA	^E 8,297	NA	53,285	NA	2,285	NA	35,213	NA
2000 YTD	2,589,528	3.24	4,958	2.58	29,039	3.23	5,829	3.24	10,151	4.01
1999 YTD	2,490,191	2.12	40,603	2.09	63,184	2.38	7,173	2.78	0	—

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports, by Country, 1995-2001

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

Year and Month	LNG								Total	
	Qatar		Trinidad		United Arab Emirates		Other		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1995 Total	0	—	0	—	0	—	0	—	2,841,048	1.49
1996 Total	0	—	0	—	4,949	3.46	0	—	2,937,413	1.97
1997 Total	0	—	0	—	2,417	3.74	0	—	2,994,173	2.17
1998 Total	0	—	0	—	5,252	2.63	0	—	3,152,058	1.97
1999										
January	0	—	0	—	0	—	0	—	310,790	2.03
February	2,647	2.72	0	—	0	—	0	—	286,412	1.93
March	0	—	0	—	0	—	0	—	301,610	1.80
April	2,492	1.91	0	—	0	—	0	—	271,387	1.85
May	0	—	5,493	1.88	0	—	0	—	291,454	2.17
June	2,417	1.94	6,619	2.08	0	—	0	—	279,096	2.13
July	2,388	2.61	6,599	2.11	0	—	0	—	296,422	2.18
August	0	—	9,904	2.33	0	—	^a 2,576	2.36	312,081	2.39
September	4,987	2.74	4,393	2.55	0	—	0	—	302,414	2.63
October	0	—	5,865	2.57	0	—	0	—	304,637	2.50
November	2,374	3.45	6,648	2.85	2,713	3.03	0	—	305,152	2.85
December	2,392	3.59	5,256	2.83	0	—	0	—	324,050	2.34
Total	19,697	2.71	50,777	2.39	2,713	3.03	^a2,576	2.36	3,585,505	2.24
2000										
January	0	—	7,780	3.01	0	—	0	—	325,897	2.44
February	0	—	5,168	2.91	0	—	0	—	300,107	2.60
March	2,428	2.79	8,393	2.89	0	—	0	—	306,596	2.61
April	7,254	2.71	7,285	3.05	0	—	0	—	294,016	2.86
May	0	—	10,723	3.05	0	—	0	—	287,793	3.05
June	2,385	2.76	7,390	3.48	2,725	3.53	0	—	296,046	3.87
July	4,793	3.97	14,307	3.30	0	—	^b 2,464	2.86	322,285	3.94
August	7,167	3.15	8,435	3.30	0	—	^b 2,461	2.86	318,308	3.62
September	7,625	3.97	4,864	2.98	0	—	^b 2,740	4.20	304,843	4.15
October	7,165	4.14	7,392	3.65	0	—	^c 2,760	3.99	324,527	5.16
November	7,241	3.32	6,950	3.85	0	—	^b 2,333	3.44	329,759	4.86
December	0	—	10,262	5.14	0	—	0	—	371,425	7.35
Total	46,057	3.44	98,949	3.43	2,725	3.53	12,758	3.50	3,781,603	3.95
2001										
January	0	—	9,215	6.81	0	—	0	—	371,235	9.49
February	0	—	6,635	4.78	0	—	^b 2,738	8.70	328,953	6.44
March	2,400	3.17	9,221	4.55	0	—	0	—	357,566	5.42
April	2,452	6.60	8,028	4.26	0	—	^b 1,702	4.65	319,468	5.35
May	4,975	4.47	9,530	4.15	0	—	0	—	328,098	4.96
June	3,076	5.82	10,407	3.77	0	—	^b 1,616	3.99	321,377	3.95
July	2,487	NA	6,701	NA	0	—	0	—	^{RE} 344,946	NA
August	^{RO} 0	—	7,520	NA	0	—	^b 1,611	NA	^{RE} 345,902	NA
September	4,919	NA	5,230	NA	0	—	^b 1,635	NA	^E 342,819	NA
2001 YTD	20,310	NA	72,486	NA	0	—	9,302	NA	^E3,060,364	NA
2000 YTD	31,651	3.31	74,345	3.13	2,725	3.53	7,665	3.34	2,755,891	3.24
1999 YTD	14,931	2.45	33,008	2.19	0	—	2,576	2.36	2,651,666	2.13

^a Received from Malaysia.^b Received from Oman.^c Received from Indonesia.^R Revised Data.^E Estimated Data.^{RE} Revised Estimated Data.^{NA} Not Available.

— Not Applicable.

Sources: January 1995 through the current month (except estimates): Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*. Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 6. U.S. Natural Gas Exports, by Country, 1995-2001

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Year and Month	Pipeline				LNG				Total	
	Canada		Mexico		Japan		Mexico		Volume	Average Price
	Volume	Average Price	Volume	Average Price	Volume	Average Price	Volume	Average Price		
1995 Total	27,554	1.96	61,283	1.50	65,283	3.41	0	—	154,119	2.39
1996 Total	51,905	2.67	33,840	2.11	67,648	3.65	0	—	153,393	2.97
1997 Total	56,447	2.52	38,372	2.46	62,187	3.83	0	—	157,006	3.02
1998 Total	39,891	2.25	53,133	2.04	65,951	2.91	33	5.69	159,007	2.45
1999										
January	2,264	1.92	4,526	1.81	5,586	2.95	24	7.41	12,400	2.36
February	2,564	1.93	4,777	1.72	5,564	2.94	29	7.39	12,934	2.30
March	4,494	1.80	5,950	1.62	5,570	2.88	21	7.33	16,035	2.11
April	2,246	1.80	5,049	1.87	5,687	2.77	19	7.13	13,001	2.26
May	2,212	2.26	6,108	2.27	5,644	2.78	24	7.42	13,988	2.48
June	1,953	2.14	5,278	2.29	3,754	2.77	18	7.28	11,003	2.44
July	1,987	2.19	5,612	2.31	5,675	2.88	20	7.14	13,294	2.54
August	2,018	2.41	5,398	2.70	5,643	3.11	20	7.36	13,079	2.84
September	1,959	2.80	5,267	2.89	5,605	3.23	21	7.26	12,852	3.03
October	2,339	2.63	4,086	2.68	3,723	3.28	13	7.07	10,161	2.89
November	8,018	2.95	5,001	2.89	5,579	3.56	30	5.85	18,628	3.12
December	6,454	2.39	3,973	2.28	5,577	3.81	36	5.82	16,040	2.86
Total	38,508	2.35	61,025	2.27	63,607	3.08	275	6.95	163,415	2.61
2000										
January	6,234	2.50	5,937	2.39	5,569	4.04	36	5.82	17,776	2.95
February	9,017	2.70	6,394	2.62	5,566	4.08	37	5.82	21,015	3.05
March	9,051	2.74	7,641	2.70	3,769	4.18	45	5.82	20,505	3.00
April	3,093	2.86	8,222	2.94	5,670	4.25	30	5.82	17,015	3.37
May	3,732	3.15	10,338	3.23	5,709	4.27	31	5.82	19,810	3.52
June	3,742	4.11	8,714	4.30	3,763	4.34	30	5.82	16,249	4.27
July	3,762	4.37	10,157	4.52	5,597	4.36	29	5.82	19,546	4.45
August	3,900	3.90	11,248	4.16	5,598	4.22	29	5.82	20,775	4.13
September	4,682	4.76	10,265	5.07	5,592	4.37	28	5.82	20,568	4.81
October	5,327	5.26	10,197	5.31	7,512	4.51	35	5.82	23,070	5.04
November	9,877	3.97	9,154	4.78	5,686	4.49	51	5.82	24,767	4.39
December	10,169	4.32	6,834	8.57	5,579	4.51	38	5.82	22,621	5.65
Total	72,586	3.66	105,102	4.26	65,610	4.31	418	5.82	243,716	4.10
2001										
January	11,818	7.07	8,111	10.34	5,571	4.68	47	5.82	25,547	7.58
February	15,796	5.44	8,009	7.06	3,714	4.73	42	5.82	27,561	5.82
March	19,691	4.48	7,110	6.22	5,569	4.70	42	5.82	32,412	4.90
April	12,213	5.59	5,326	7.10	5,594	4.25	34	5.82	23,167	5.61
May	13,328	4.95	9,940	6.88	5,677	4.22	35	5.82	28,981	5.47
June	9,543	3.96	11,183	5.27	3,780	4.28	23	5.82	24,529	4.61
July	13,835	NA	6,834	NA	5,665	NA	NA	NA	26,334	NA
August	^R 11,377	NA	6,834	NA	5,684	NA	NA	NA	^{RE} 23,895	NA
September	^E 13,569	NA	6,834	NA	5,676	NA	NA	NA	^E 26,080	NA
2001 YTD	^E 121,169	NA	^E 70,182	NA	46,930	NA	NA	NA	^E 238,505	NA
2000 YTD	47,214	3.28	78,916	3.69	46,832	4.23	296	5.82	173,258	3.73
1999 YTD	21,697	2.09	47,965	2.17	48,728	2.93	196	7.31	118,586	2.48

^R Revised Data.
^E Estimated Data.
^{RE} Revised Estimated Data.
^{NA} Not Available.
 — Not Applicable.

Sources: January 1995 through the current month (except estimates): Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*. Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 7. Marketed Production of Natural Gas, by State, 1995-2001

(Million Cubic Feet)

Year and Month	Alabama ^b	Alaska	Arizona	California	Colorado	Florida	Kansas
1995 Total	519,661	469,550	558	279,555	523,084	6,463	721,436
1996 Total	530,841	480,828	463	286,494	572,071	6,006	712,796
1997 Total	583,272	468,311	452	285,690	637,375	6,114	687,215
1998 Total	^R 562,714	466,648	457	315,277	696,321	5,796	603,586
1999							
January	^R 47,502	43,013	31	31,961	^R 60,326	511	52,200
February	^R 43,520	38,930	27	27,952	^R 61,878	503	43,801
March	^R 44,693	42,128	35	30,224	^R 59,130	604	47,290
April	^R 41,776	38,249	37	28,811	^R 57,597	548	45,904
May	^R 47,201	35,039	39	31,170	^R 61,117	537	46,147
June	^R 46,758	35,938	44	30,778	^R 58,183	442	46,452
July	^R 46,842	35,896	60	33,356	^R 59,848	499	46,254
August	^R 45,814	35,853	51	34,047	^R 60,311	480	45,902
September	^R 44,408	36,627	43	33,273	^R 58,270	501	44,294
October	^R 45,262	39,617	43	34,685	^R 61,557	427	45,342
November	^R 45,176	39,158	35	33,373	^R 60,291	408	44,094
December	^R 46,511	42,517	28	33,085	^R 64,230	473	45,740
Total	^R 545,464	462,967	474	382,715	^R 722,738	5,933	553,419
2000							
January	^R 46,526	^R 42,242	37	^R 31,663	^R 65,091	^R 564	^R 49,597
February	^R 44,084	^R 38,430	^R 26	^R 27,675	^R 60,155	^R 547	^R 41,606
March	^R 43,869	^R 42,505	^R 27	^R 29,706	^R 64,390	^R 653	^R 44,924
April	^R 43,318	^R 37,290	28	^R 28,970	^R 61,056	^R 595	^R 43,591
May	^R 44,231	^R 33,531	31	^R 30,981	^R 65,137	^R 575	^R 43,837
June	^R 43,196	^R 35,890	32	^R 30,558	^R 59,184	^R 474	^R 44,129
July	^R 43,985	^R 35,559	32	^R 32,823	^R 62,541	^R 544	^R 43,938
August	^R 43,790	^R 35,910	33	^R 33,111	^R 64,332	^R 533	^R 43,603
September	^R 40,731	^R 37,148	33	^R 32,377	^R 62,304	^R 550	^R 42,078
October	^R 42,755	^R 39,354	33	^R 33,723	^R 63,606	^R 472	^R 43,078
November	^R 42,511	^R 38,897	32	^R 32,540	^R 63,005	^R 465	^R 41,891
December	^R 43,614	^R 42,239	24	^R 32,454	^R 62,182	^R 519	^R 43,457
Total	^R 522,610	^R 458,995	^R 368	^R 376,580	^R 752,985	^R 6,491	^R 525,729
2001							
January	30,460	42,459	31	32,450	^{RE} 62,027	454	41,780
February	27,096	38,318	28	29,821	^{RE} 59,310	397	36,909
March	29,918	42,727	31	32,074	^{RE} 61,791	436	40,535
April	28,857	39,572	32	30,325	^{RE} 59,791	499	39,420
May	29,736	35,882	28	32,404	^{RE} 62,480	440	39,967
June	^{RE} 29,768	34,653	25	31,753	^{RE} 58,715	473	38,721
July	^E 29,992	37,163	26	31,644	^E 61,195	553	40,646
2001 YTD	^E 205,827	270,774	202	220,472	^E 425,309	3,251	277,979
2000 YTD	309,210	265,447	213	212,375	437,554	3,952	311,621
1999 YTD	318,292	269,194	274	214,253	418,079	3,645	328,048

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State, 1995-2001

(Million Cubic Feet) — Continued

Year and Month	Louisiana ^b	Michigan	Mississippi	Montana	New Mexico	North Dakota	Oklahoma
1995 Total	5,108,366	238,203	95,533	50,264	1,625,837	49,468	1,811,734
1996 Total	5,289,742	245,740	103,263	50,996	1,554,087	49,674	1,734,887
1997 Total	5,229,821	305,950	107,300	52,437	1,558,633	52,401	1,703,888
1998 Total	^R 5,277,188	278,076	108,068	57,645	1,501,098	53,185	^R 1,669,367
1999							
January	^R 452,792	20,743	9,152	5,235	129,321	4,408	^R 136,464
February	^R 411,783	8,426	8,678	4,768	116,787	3,931	^R 122,201
March	^R 456,310	40,112	9,933	5,240	128,657	4,227	^R 134,867
April	^R 445,378	22,574	9,426	4,889	126,045	4,299	^R 125,888
May	^R 451,583	25,240	9,708	5,057	125,612	4,345	^R 127,160
June	^R 434,276	25,084	9,480	4,666	125,381	4,333	^R 127,425
July	^R 451,139	23,988	9,542	5,178	127,971	4,578	^R 133,654
August	^R 446,931	19,154	9,406	5,123	130,728	4,542	^R 144,298
September	^R 425,994	24,652	9,198	5,026	124,664	4,432	^R 131,722
October	^R 436,344	13,540	9,050	5,305	130,728	4,613	^R 140,024
November	^R 425,016	21,676	8,608	5,048	127,749	4,534	^R 136,279
December	^R 438,183	32,175	8,840	5,629	118,027	4,622	^R 134,021
Total	^R 5,275,730	277,364	111,021	61,163	1,511,671	52,862	^R 1,594,002
2000							
January	^R 421,366	^R 22,586	8,241	^R 6,003	^R 145,404	^R 4,585	^R 140,183
February	^R 392,889	^R 15,849	5,386	^R 5,480	^R 137,819	^R 4,116	^R 125,741
March	^R 429,630	^R 33,893	7,350	^R 6,016	^R 147,050	^R 4,291	^R 140,811
April	^R 415,525	^R 12,551	6,785	^R 5,614	^R 137,212	^R 4,278	^R 132,697
May	^R 428,197	^R 26,709	7,527	^R 5,809	^R 143,431	^R 4,543	^R 136,652
June	^R 413,358	^R 17,328	6,938	^R 5,369	^R 136,470	^R 4,322	^R 136,693
July	^R 431,309	^R 30,404	7,347	^R 5,888	^R 141,810	^R 4,505	^R 138,946
August	^R 434,049	^R 33,002	7,571	^R 5,833	^R 139,961	^R 4,320	^R 139,930
September	^R 421,580	^R 24,743	7,227	^R 5,723	^R 139,149	^R 4,329	^R 132,330
October	^R 435,279	^R 38,453	7,958	^R 6,039	^R 141,187	^R 4,490	^R 145,745
November	^R 417,355	^R 25,882	7,693	^R 5,741	^R 136,170	^R 4,178	^R 119,411
December	^R 428,327	^R 15,156	8,535	^R 6,422	^R 141,754	^R 4,469	^R 123,749
Total	^R 5,068,863	^R 296,556	88,558	^R 69,936	^R 1,687,416	^R 52,426	^R 1,612,890
2001							
January	467,724	27,354	8,958	^R 6,555	138,892	4,537	^E 141,360
February	428,810	13,735	7,749	^R 5,906	126,673	4,019	^E 129,640
March	474,754	29,621	8,398	^R 6,364	137,458	4,548	^E 143,530
April	459,439	20,195	9,892	^R 6,215	132,246	4,564	^E 138,900
May	474,308	35,791	10,332	^R 6,273	126,566	4,569	^E 143,395
June	451,891	17,942	8,440	^R 6,036	^{RE} 120,771	4,349	^E 138,768
July	476,016	20,115	9,313	6,452	^E 125,274	4,649	^E 143,395
2001 YTD	3,232,942	164,753	63,082	43,801	^E 907,880	31,236	^E 978,988
2000 YTD	2,932,273	159,320	49,574	40,180	989,196	30,640	951,724
1999 YTD	3,103,262	166,167	65,918	35,032	879,775	30,120	907,658

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State, 1995-2001

(Million Cubic Feet) — Continued

Year and Month	Oregon	Texas ^c	Utah	Wyoming	Other ^a States	U.S. Total
1995 Total	1,923	6,330,048	241,290	673,775	759,728	19,506,474
1996 Total	1,439	6,470,620	250,767	666,036	805,491	19,812,241
1997 Total	1,173	6,453,873	257,139	738,368	736,679	19,866,093
1998 Total	1,067	^R6,408,444	277,340	^R903,836	^R775,235	^R19,961,348
1999						
January	83	^R 536,883	23,467	^R 82,165	73,022	^R 1,709,279
February	84	^R 487,494	21,141	^R 74,676	64,209	^R 1,540,789
March	120	^R 528,309	23,878	^R 82,039	67,861	^R 1,705,658
April	111	^R 513,779	22,076	^R 77,986	64,148	^R 1,629,521
May	113	^R 526,667	22,771	^R 75,615	65,032	^R 1,660,154
June	111	^R 508,884	21,828	^R 77,487	63,027	^R 1,620,577
July	110	^R 522,686	21,707	^R 79,610	64,718	^R 1,667,637
August	74	^R 516,905	21,493	^R 79,528	63,445	^R 1,664,085
September	90	^R 502,383	19,725	^R 81,086	64,276	^R 1,610,663
October	124	^R 522,711	21,610	^R 87,684	70,415	^R 1,669,079
November	134	^R 516,467	21,364	^R 82,890	68,512	^R 1,640,813
December	138	^R 528,445	21,554	^R 90,463	71,915	^R 1,686,596
Total	1,291	^R6,211,613	262,614	^R971,230	800,579	^R19,804,848
2000						
January	124	^R 522,128	^R 22,008	^R 92,837	^R 79,277	^R 1,700,461
February	105	^R 488,863	^R 20,526	^R 84,714	^R 74,653	^R 1,568,663
March	107	^R 531,944	^R 21,916	^R 90,043	^R 78,056	^R 1,717,180
April	99	^R 507,411	^R 21,255	^R 87,761	^R 76,693	^R 1,622,729
May	102	^R 529,617	^R 22,525	^R 90,699	^R 71,637	^R 1,685,770
June	94	^R 523,281	^R 21,638	^R 87,579	^R 76,514	^R 1,643,048
July	90	^R 531,434	^R 22,772	^R 90,281	^R 72,583	^R 1,696,792
August	96	^R 531,705	^R 22,864	^R 90,812	^R 75,554	^R 1,707,010
September	97	^R 509,474	^R 22,664	^R 89,472	^R 75,066	^R 1,647,075
October	109	^R 526,000	^R 23,374	^R 95,215	^R 78,431	^R 1,725,300
November	97	^R 508,353	^R 22,943	^R 91,715	^R 77,322	^R 1,636,200
December	93	^R 495,039	24,801	^R 97,201	^R 82,022	^R 1,652,058
Total	1,214	^R6,205,249	^R269,285	^R1,088,328	^R917,808	^R20,002,287
2001						
January	^E 86	539,175	24,309	^{RE} 110,385	^{RE} 93,639	^{RE} 1,772,635
February	^E 78	485,370	22,368	^{RE} 100,161	^{RE} 85,115	^{RE} 1,601,504
March	^E 93	536,836	24,876	^{RE} 113,534	^{RE} 89,595	^{RE} 1,777,119
April	^E 87	523,416	24,381	^{RE} 108,780	^{RE} 85,901	^{RE} 1,712,514
May	^E 89	539,296	24,261	^{RE} 114,319	^{RE} 84,580	^{RE} 1,764,715
June	^E 86	508,546	^R 23,502	^{RE} 105,973	^{RE} 84,860	^{RE} 1,665,274
July	^E 85	539,802	22,972	^E 109,964	^E 85,041	^E 1,744,297
2001 YTD	^E604	3,672,441	166,670	^E763,117	^E608,731	^E12,038,059
2000 YTD	721	3,634,678	152,639	623,914	529,414	11,634,644
1999 YTD	731	3,624,702	156,869	549,579	462,016	11,533,613

^a Includes Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New York, Ohio, Pennsylvania, South Dakota, Tennessee, Virginia and West Virginia. The 2001 and later data monthly values for these States are estimated.

^b For Alabama and Louisiana, all data for 1995 through 2000 include Federal Offshore production. For 2001, Alabama data do not include Federal Offshore production, while data for Louisiana include both the Louisiana and Alabama portions of Federal Offshore Production.

^c Federal offshore production volumes are included.

^R Revised Data.

^E Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1995 through 2000 are final. All other data are preliminary unless otherwise indicated. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 3 for discussion of computation procedures and revision policy.

Sources: 1995-2000: Energy Information Administration (EIA), *Natural Gas Annual 2000*. January 2001 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Minerals Management Service reports, and EIA computations.

**Table 8. Gross Withdrawals and Marketed Production of Natural Gas by State,
July 2001**

(Million Cubic Feet)

State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama	£32,473	£517	£32,990	£1,044	£1,872	£83	£29,992
Alaska	15,457	251,077	266,534	228,865	0	505	37,163
Arizona	26	0	26	0	0	0	26
California	7,644	27,033	34,677	2,623	275	134	31,644
Colorado	£53,148	£8,652	£61,800	£538	0	£67	£61,195
Florida	0	624	624	0	72	0	553
Kansas	36,945	3,811	40,756	69	0	41	40,646
Louisiana	418,891	62,971	481,862	3,779	0	2,067	476,016
Michigan	16,371	4,093	20,464	144	0	205	20,115
Mississippi	11,823	398	12,220	513	2,130	265	9,313
Montana	5,707	770	6,477	3	0	22	6,452
New Mexico	£119,524	£16,807	£136,331	£1,509	£9,340	£208	£125,274
North Dakota	1,184	3,758	4,943	0	9	285	4,649
Oklahoma	£129,633	£13,762	£143,395	£0	£0	£0	£143,395
Oregon	£99	0	£99	0	£14	0	£85
Texas	478,621	115,812	594,433	38,468	13,662	2,501	539,802
Utah	21,784	3,246	25,030	54	0	2,004	22,972
Wyoming	£118,962	£13,591	132,553	9,148	12,447	£994	£109,964
Other States	£83,177	£2,513	£85,690	£0	£502	£147	£85,041
Total	£1,551,470	£529,436	£2,080,906	£286,758	£40,322	£9,529	£1,744,297

^a See Appendix A, Explanatory Note 1, for a discussion of data on Nonhydrocarbon Gases Removed.

[£] Estimated Data.

Notes: All monthly data are considered preliminary until publication of the *Natural Gas Annual* for that year. Totals may not equal sum of components

because of independent rounding. See Appendix A, Explanatory Notes 1 and 3 for discussion of computation procedures and revision policy.

Source: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report."

Table 9. Underground Natural Gas Storage - All Operators, 1995-2001

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^c
1995 Total^a	4,349	2,153	6,503	-453	-17.4	2,566	2,974	408
1996 Total^a	4,341	2,173	6,513	19	0.9	2,906	2,911	6
1997 Total^a	4,350	2,175	6,525	2	0.1	2,800	2,824	24
1998 Total^a	4,326	2,730	7,056	554	25.5	2,905	2,379	-526
1999								
January	4,332	2,073	6,404	361	21.1	58	682	624
February	4,329	1,746	6,075	319	22.4	63	385	321
March	4,383	1,406	5,789	223	18.9	87	384	297
April	4,381	1,495	5,876	109	7.9	210	120	-90
May	4,371	1,835	6,206	61	3.4	381	45	-337
June	4,370	2,149	6,519	36	1.7	349	42	-307
July	4,370	2,379	6,749	-41	-2.0	298	81	-217
August	4,368	2,610	6,978	-88	-3.3	311	90	-221
September	4,369	2,923	7,292	-5	-0.2	358	43	-315
October	4,370	3,073	7,443	-118	-3.7	247	92	-155
November	4,380	3,065	7,445	-90	-2.8	173	205	32
December	4,383	2,523	6,906	-207	-7.6	63	606	543
Total	—	—	—	—	—	2,598	2,772	174
2000								
January	^R 4,379	^R 1,760	^R 6,139	^R -312	^R -15.1	^R 59	^R 841	^R 782
February	^R 4,378	^R 1,304	^R 5,681	^R -445	^R -25.3	^R 83	^R 533	^R 450
March	4,364	^R 1,153	^R 5,517	^R -255	^R -18.0	^R 139	^R 291	^R 152
April	^R 4,362	^R 1,203	^R 5,565	^R -297	^R -19.6	^R 192	^R 146	^R -46
May	^R 4,362	^R 1,433	^R 5,795	^R -404	^R -21.9	^R 313	^R 82	^R -231
June	^R 4,361	^R 1,717	^R 6,079	^R -435	^R -20.1	^R 349	^R 65	^R -284
July	^R 4,362	^R 2,003	^R 6,365	^R -379	^R -15.8	^R 372	^R 83	^R -289
August	^R 4,361	^R 2,199	^R 6,560	^R -414	^R -15.8	^R 305	^R 109	^R -196
September	^R 4,360	^R 2,494	^R 6,855	^R -432	^R -14.7	^R 370	^R 80	^R -291
October	^R 4,360	^R 2,732	^R 7,092	^R -345	^R -11.1	^R 329	^R 88	^R -241
November	^R 4,361	^R 2,442	^R 6,803	^R -628	^R -20.3	108	^R 396	^R 288
December	4,352	^R 1,719	^R 6,071	^R -806	^R -31.9	^R 66	^R 785	^R 720
Total	—	—	—	—	—	^R2,684	^R3,498	^R814
2001								
January	4,344	1,265	5,609	^R -495	^R -28.1	93	559	467
February	4,328	912	5,241	^R -391	^R -30.0	71	409	338
March	4,300	742	5,042	^R -412	^R -35.7	113	293	181
April	4,261	992	5,253	^R -210	^R -17.5	345	68	-276
May	4,309	1,440	5,749	^R 7	^R 0.5	488	41	-448
June	4,310	1,882	6,193	^R 165	^R 9.6	470	48	-422
July	4,315	2,261	6,576	^R 258	^R 12.9	441	64	-376
August	4,313	2,576	6,889	^R 377	^R 17.1	384	79	-305
September	4,318	2,944	7,262	450	18.0	409	41	-368
October(STIFS)	^{RE} 4,318	^{RE} 3,109	^{RE} 7,427	^{RE} 377	^{RE} 13.8	NA	NA	^{RE} -165
November(STIFS)	^E 4,318	^E 3,160	^E 7,478	^E 718	^E 29.4	NA	NA	^E -51

^a Total as of December 31.^b Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1995 - 7,953; 1996 - 7,980; 1997 - 8,332; 1998 - 8,179; 1999 - 8,229; and 2000 - 8,241.^c Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.^R Revised Data.^E Estimated Data.^{RE} Revised Estimated Data.

NA Not Available.

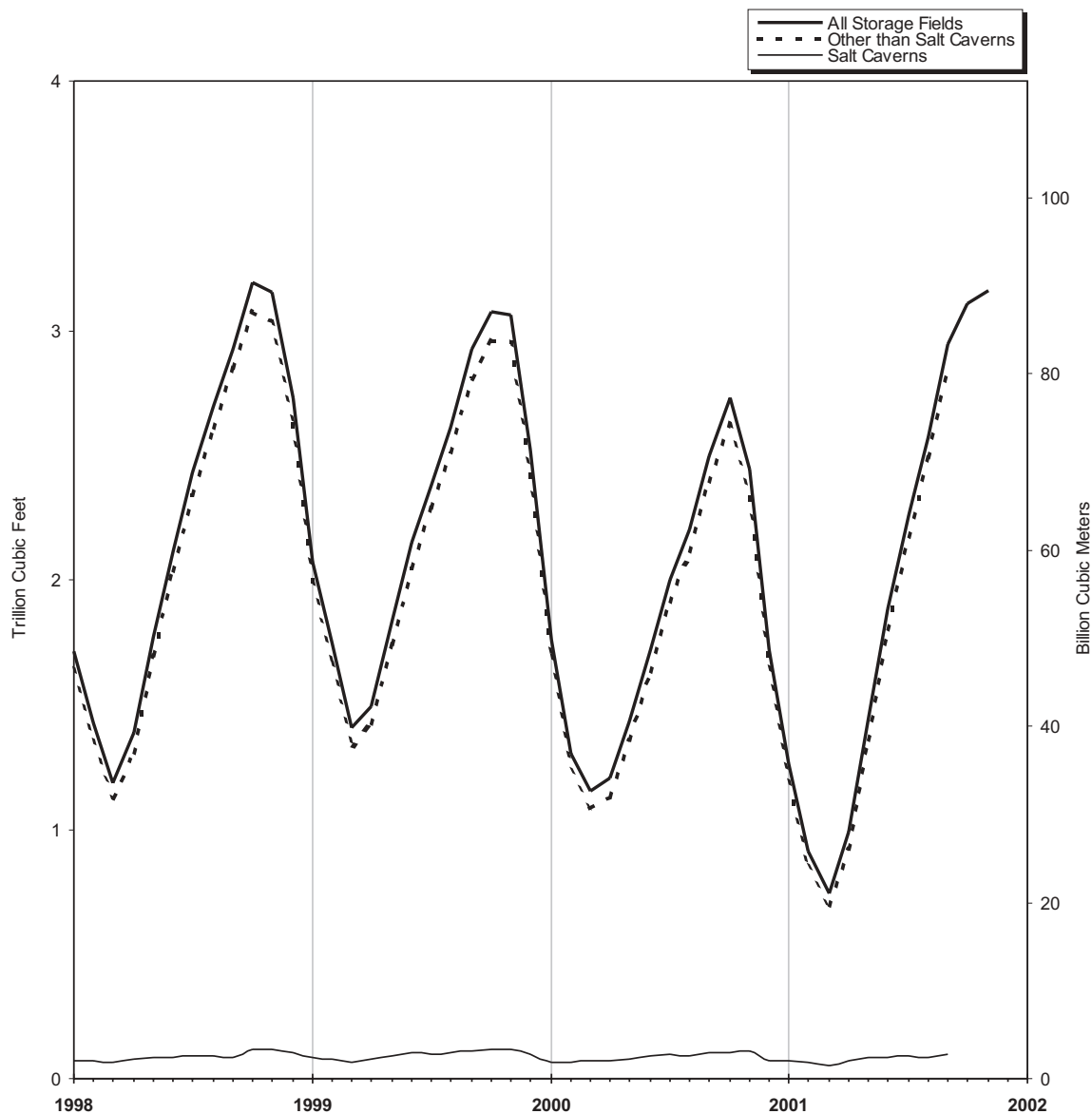
— Not Applicable.

Notes: Data for 1995 through 2000 are final. All other data are preliminary unless otherwise noted. Estimates for the most recent two months are derived from the Short-Term Integrated Forecasting System (STIFS). See Explanatory Note 7 for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and STIFS.

Figure 5

Figure 5. Working Gas in Underground Natural Gas Storage in the U.S., 1998-2001



Sources: Tables 10, 11 and 12.

Table 10. Underground Natural Gas Storage - by Season, 1999-2002

(Volumes in Billion Cubic Feet)

Year, Season and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^a
March 1999	4,383	1,406	5,789	223	18.9	87	384	297
1999 Refill Season								
April	4,381	1,495	5,876	109	7.9	210	120	-90
May	4,371	1,835	6,206	61	3.4	381	45	-337
June	4,370	2,149	6,519	36	1.7	349	42	-307
July	4,370	2,379	6,749	-41	-2.0	298	81	-217
August	4,368	2,610	6,978	-88	-3.3	311	90	-221
September	4,369	2,923	7,292	-5	-0.2	358	43	-315
October	4,370	3,073	7,443	-118	-3.7	247	92	-155
Total	—	—	—	—	—	2,154	511	-1,643
1999-2000 Heating Season								
November	4,380	3,065	7,445	-90	-2.8	173	205	32
December	4,383	2,523	6,906	-207	-7.6	63	606	543
January	^R 4,379	^R 1,760	^R 6,139	^R -312	^R -15.1	^R 59	^R 841	^R 782
February	^R 4,378	^R 1,304	^R 5,681	^R -445	^R -25.3	^R 83	^R 533	^R 450
March	4,364	^R 1,153	^R 5,517	^R -255	^R -18.0	^R 139	^R 291	^R 152
Total	—	—	—	—	—	^R517	^R2,476	^R1,959
2000 Refill Season								
April	^R 4,362	^R 1,203	^R 5,565	^R -297	^R -19.6	^R 192	^R 146	^R -46
May	^R 4,362	^R 1,433	^R 5,795	^R -404	^R -21.9	^R 313	^R 82	^R -231
June	^R 4,361	^R 1,717	^R 6,079	^R -435	^R -20.1	^R 349	^R 65	^R -284
July	^R 4,362	^R 2,003	^R 6,365	^R -379	^R -15.8	^R 372	^R 83	^R -289
August	^R 4,361	^R 2,199	^R 6,560	^R -414	^R -15.8	^R 305	^R 109	^R -196
September	^R 4,360	^R 2,494	^R 6,855	^R -432	^R -14.7	^R 370	^R 80	^R -291
October	^R 4,360	^R 2,732	^R 7,092	^R -345	^R -11.1	^R 329	^R 88	^R -241
Total	—	—	—	—	—	^R2,230	^R651	^R-1,579
2000-2001 Heating Season								
November	^R 4,361	^R 2,442	^R 6,803	^R -628	-20.3	108	^R 396	^R 288
December	4,352	^R 1,719	^R 6,071	^R -806	^R -31.9	^R 66	^R 785	^R 720
January	4,344	1,265	5,609	^R -495	^R -28.1	93	559	467
February	4,328	912	5,241	^R -391	^R -30.0	71	409	338
March	4,300	742	5,042	^R -412	^R -35.7	113	293	181
Total	—	—	—	—	—	450	2,443	1,993
2001 Refill Season								
April	4,261	992	5,253	^R -210	^R -17.5	345	68	-276
May	4,309	1,440	5,749	^R 7	^R 0.5	488	41	-448
June	4,310	1,882	6,193	^R 165	^R 9.6	470	48	-422
July	4,315	2,261	6,576	^R 258	^R 12.9	441	64	-376
August	4,313	2,576	6,889	^R 377	^R 17.1	384	79	-305
September	4,318	2,944	7,262	450	18.0	409	41	-368
October(STIFS)	^{RE} 4,318	^{RE} 3,109	^{RE} 7,427	^{RE} 377	^{RE} 13.8	NA	NA	^{RE} -165
Total	—	—	—	—	—	NA	NA	^R-2,361
2001-2002 Heating Season								
November(STIFS)	^E 4,318	^E 3,160	^E 7,478	^E 718	^E 29.4	NA	NA	^E -51

^a Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

^R Revised Data.

^E Estimated Data.

^{RE} Revised Estimated Data.

NA Not Available.

— Not Applicable.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise noted. Estimates for the most recent two months are derived from the Short-Term Integrated Forecasting System (STIFS). See Explanatory Note

7 for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and STIFS.

Table 11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1995-2001
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
1995 Total^a	60	72	131	2	2.9	194	200	5
1996 Total^a	64	85	149	14	18.8	258	246	-13
1997 Total^a	67	83	150	-4	-3.0	267	274	6
1998 Total^a	67	104	171	21	26.0	297	275	-22
1999								
January	67	82	149	13	18.2	19	39	19
February	67	77	144	8	12.0	16	21	5
March	67	68	135	4	6.6	18	26	8
April	67	78	145	-3	-3.2	28	19	-9
May	67	94	161	12	14.2	29	12	-17
June	65	102	167	19	22.5	22	16	-6
July	65	96	161	5	5.5	16	25	8
August	66	102	168	10	10.7	23	16	-8
September	67	112	179	28	34.0	24	13	-10
October	67	115	182	-1	-0.6	23	21	-2
November	67	116	184	-2	-1.7	21	17	-4
December	69	100	169	-4	-4.0	19	35	16
Total	—	—	—	—	—	260	259	-1
2000								
January	68	^R 65	^R 133	^R -15	^R -21.2	^R 16	^R 50	34
February	^R 68	66	^R 134	^R -12	^R -15.1	23	^R 22	^R -1
March	69	69	^R 138	^R 0	^R 1.5	24	20	^R -3
April	^R 69	74	^R 143	^R -4	^R -5.5	24	19	-5
May	70	77	147	-17	^R -18.1	27	24	-3
June	70	^R 90	160	^R -12	^R -11.4	^R 31	^R 18	^R -13
July	^R 71	97	168	^R 1	^R 1.7	30	21	-9
August	72	^R 90	161	^R -13	^R -12.3	^R 24	^R 32	^R 8
September	^R 71	101	172	^R -12	^R -9.7	^R 31	18	-12
October	^R 71	^R 107	^R 178	^R -9	^R -6.6	29	20	-9
November	^R 71	^R 110	^R 182	^R -9	^R -5.2	^R 21	^R 23	^R 1
December	70	^R 72	^R 142	^R -28	^R -28.0	^R 18	^R 55	^R 36
Total	—	—	—	—	—	^R296	^R320	^R24
2001								
January	71	73	144	^R 9	^R 13.5	33	31	-1
February	69	67	136	1	1.1	19	27	8
March	69	53	122	-16	-23.6	20	34	14
April	69	71	140	-3	-4.4	33	15	-18
May	71	85	156	8	10.4	30	14	-16
June	71	85	155	-5	-5.1	26	25	-1
July	71	89	160	-8	-8.4	29	25	-4
August	71	86	157	-2	-2.7	27	29	2
September	71	100	171	0	-0.3	33	19	-14

^a Total as of December 31.

^R Revised Data.

— Not Applicable.

Notes: Data for 1995 through 2000 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 7 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the

quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 12. Underground Natural Gas Storage - Storage Fields Other than Salt Caverns, 1995-2001

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Non-Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
1995 Total^a	4,290	2,082	6,371	-455	-17.9	2,372	2,774	403
1996 Total^a	4,277	2,087	6,364	6	0.3	2,647	2,665	18
1997 Total^a	4,283	2,092	6,375	4	0.2	2,533	2,551	18
1998 Total^a	4,259	2,626	6,884	533	25.5	2,608	2,103	-504
1999								
January	4,264	1,991	6,255	348	21.2	39	643	604
February	4,262	1,669	5,931	311	22.9	47	364	317
March	4,316	1,338	5,654	219	19.5	69	358	289
April	4,314	1,417	5,731	112	8.6	182	101	-81
May	4,305	1,740	6,045	49	2.9	352	32	-319
June	4,305	2,047	6,352	17	0.8	327	26	-301
July	4,305	2,284	6,588	-46	-2.3	282	56	-226
August	4,302	2,508	6,810	-98	-3.8	288	74	-214
September	4,302	2,811	7,114	-33	-1.2	334	29	-305
October	4,303	2,958	7,261	-117	-3.8	224	71	-153
November	4,313	2,949	7,261	-88	-2.9	151	187	36
December	4,314	2,423	6,738	-202	-7.7	44	571	527
Total	—	—	—	—	—	2,338	2,512	175
2000								
January	^R 4,310	^R 1,696	^R 6,006	^R -280	^R -14.8	^R 44	^R 791	^R 748
February	^R 4,309	^R 1,238	^R 5,547	^R -418	^R -25.8	^R 60	^R 511	^R 451
March	4,295	^R 1,084	^R 5,379	^R -242	^R -19.0	^R 116	^R 271	^R 156
April	4,293	^R 1,129	^R 5,422	^R -277	^R -20.4	^R 167	^R 127	^R -41
May	^R 4,292	^R 1,356	^R 5,648	^R -387	^R -22.1	^R 286	^R 58	^R -228
June	^R 4,291	^R 1,627	^R 5,918	^R -423	^R -20.5	^R 318	^R 47	^R -271
July	^R 4,291	^R 1,906	^R 6,196	^R -380	^R -16.6	^R 343	^R 62	^R -281
August	^R 4,289	^R 2,109	^R 6,399	^R -401	^R -15.9	^R 281	^R 77	^R -204
September	^R 4,289	^R 2,393	^R 6,683	^R -420	^R -14.9	^R 340	^R 61	^R -278
October	^R 4,289	^R 2,625	^R 6,913	^R -336	^R -11.3	^R 300	^R 68	^R -233
November	^R 4,290	^R 2,332	^R 6,621	^R -620	^R -20.9	^R 86	^R 373	^R 287
December	4,282	^R 1,647	^R 5,929	^R -779	^R -32.0	47	^R 731	^R 684
Total	—	—	—	—	—	^R2,388	^R3,178	^R790
2001								
January	4,273	1,192	5,465	^R -504	^R -29.7	60	528	468
February	4,259	846	5,105	^R -392	^R -31.5	52	382	330
March	4,232	688	4,920	^R -396	^R -36.3	93	259	166
April	4,192	921	5,113	^R -208	^R -17.0	312	54	-259
May	4,239	1,355	5,594	^R -1	0.4	458	27	-432
June	4,239	1,798	6,037	^R 171	11.2	445	23	-421
July	4,245	2,172	6,417	^R 266	14.4	411	39	-372
August	4,242	2,490	6,732	^R 380	18.5	357	50	-307
September	4,247	2,844	7,091	450	19.9	376	22	-354

^a Total as of December 31.^R Revised Data.

— Not Applicable.

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quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 13. Net Withdrawals from Underground Storage, by State, 1999-2001

(Volumes in Million Cubic Feet)

State	2001						
	September	August	July	June	May	April	March
Alabama	-17	-113	-154	-576	44	-195	604
Arkansas	-579	-505	-740	-879	-992	-604	139
California	-9,385	-10,941	-20,929	-29,462	-27,438	-17,361	-14,822
Colorado	-5,021	-4,513	-4,182	-4,069	-2,301	660	1,787
Illinois	-33,582	-23,679	-20,442	-25,936	-30,943	-12,251	14,412
Indiana	-4,044	-2,916	-3,671	-3,159	-1,372	1,366	2,616
Iowa	-13,710	-13,505	-10,141	-6,017	-5,532	-2,900	3,712
Kansas	-17,406	-7,572	-6,556	-13,884	-14,428	-11,364	4,933
Kentucky	-8,975	-6,409	-9,956	-12,782	-11,456	-4,039	6,901
Louisiana	-34,844	-13,578	-24,699	-30,405	-25,730	-22,513	5,213
Maryland	-1,166	518	-2,572	-3,098	-2,653	-1,402	1,215
Michigan	-72,648	-79,175	-87,034	-80,530	-71,545	-36,155	43,738
Minnesota	-232	-259	-328	-319	-152	23	154
Mississippi	-4,068	-1,986	-5,355	-6,274	-2,821	-8,549	10,930
Missouri	-348	-589	13	-1,063	17	-51	1,242
Montana	-4,853	-4,966	-5,523	-4,034	-2,902	-1	1,629
Nebraska	-1,250	-364	-339	-956	-1,908	-1,077	573
New Mexico	-891	13	93	-403	-2,645	-1,573	-1,851
New York	-6,343	-5,574	-10,233	-11,212	-13,541	-6,630	8,160
Ohio	-26,370	-32,266	-37,878	-32,303	-33,094	-15,734	22,906
Oklahoma	-17,906	-8,596	-10,224	-23,745	-28,938	-23,624	415
Oregon	-852	-1,860	-2,293	-2,561	-2,151	810	962
Pennsylvania	-39,267	-25,406	-50,422	-55,959	-66,462	-43,608	47,171
Tennessee	-62	-47	-63	-31	-113	-103	69
Texas	-28,769	-24,185	-21,624	-34,795	-40,985	-43,016	2,704
Utah	-7,384	-5,939	-7,179	-6,356	-7,254	-4,428	-2,807
Virginia	-271	-322	-244	-402	-532	-434	283
Washington	-1,450	-1,343	372	-200	-8,283	-2,300	592
West Virginia	-22,496	-25,939	-31,290	-28,838	-39,499	-18,243	16,521
Wyoming	-3,691	-3,143	-2,866	-1,800	-2,052	-1,073	534
AGA Regions							
Producing	-104,462	-56,408	-69,106	-110,384	-116,537	-111,243	22,484
Eastern Consuming	-230,550	-215,788	-264,426	-262,862	-278,588	-141,454	170,123
Western Consuming	-32,867	-32,963	-42,930	-48,800	-52,532	-23,671	-11,971
Total	-367,879	-305,159	-376,461	-422,046	-447,658	-276,368	180,636

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 1999-2001

(Volumes in Million Cubic Feet) — Continued

State	2001		2000				
	February	January	Total	December	November	October	September
Alabama	-241	330	^R 430	85	203	142	110
Arkansas	391	785	3,033	2,077	432	-397	-268
California	20,542	39,041	^R 47,960	^R 6,493	^R 27,309	^R -10,735	^R -1,623
Colorado	4,374	4,138	^R 8,613	^R 4,969	^R 4,003	^R -2,003	^R -2,248
Illinois	43,450	42,940	^R 24,165	^R 49,235	^R 25,535	^R -33,495	^R -30,571
Indiana	3,544	4,279	^R 3,892	^R 7,120	^R -608	^R -4,297	^R -3,323
Iowa	8,167	16,496	^R 13,560	^R 23,122	^R 11,086	^R -13,898	^R -13,240
Kansas	16,056	-3,218	^R 34,047	^R 25,577	^R 20,998	^R -18,438	^R -16,047
Kentucky	2,626	6,783	^R 30,198	^R 23,027	^R 11,187	^R -8,599	^R -10,707
Louisiana	96	30,425	^R 96,201	^R 67,565	^R 12,336	^R -23,895	^R -20,965
Maryland	2,382	2,235	^R 4,383	^R 5,151	^R 1,323	^R -288	-44
Michigan	76,815	66,029	^R 146,588	^R 127,858	^R 48,638	^R -37,897	^R -46,387
Minnesota	323	489	^R 306	^R 567	-92	-199	-266
Mississippi	1,071	2,828	^R 1,853	^R 14,228	^R 4,503	^R -4,386	^R -4,632
Missouri	379	-255	^R 567	^R 1,078	^R -191	-353	-711
Montana	4,504	4,208	^R 13,911	^R 5,173	^R 3,722	^R 51	^R -958
Nebraska	1,456	1,090	4,366	1,124	1,622	^R -503	-764
New Mexico	-1,657	25	^R -561	^R 418	^R -295	^R -905	-50
New York	11,920	13,182	^R 9,824	^R 17,276	^R 5,062	^R -4,026	^R -7,909
Ohio	27,160	41,777	^R 48,330	^R 61,149	^R 24,034	^R -10,060	^R -23,823
Oklahoma	12,522	24,484	^R 88,353	^R 42,630	^R 16,307	^R -13,209	^R -12,480
Oregon	2,264	2,252	^R 212	^R 1,565	^R 849	^R -720	^R -720
Pennsylvania	51,475	69,205	^R 47,204	^R 96,037	^R 21,869	^R -26,640	^R -47,265
Tennessee	82	59	^R 59	^R -12	^R -86	-114	^R -49
Texas	8,957	41,565	^R 127,251	^R 67,839	^R 12,680	^R -16,995	^R -12,544
Utah	4,031	12,277	^R 6,537	^R 10,861	^R 9,016	^R 1,000	^R -5,592
Virginia	92	517	^R 471	^R 789	^R 354	^R -251	^R -202
Washington	6,110	2,608	1,932	-1,986	3,781	1,188	-2,835
West Virginia	26,341	36,787	^R 42,171	^R 55,132	^R 20,788	^R -11,762	^R -24,203
Wyoming	2,586	3,225	^R 8,063	^R 3,611	^R 1,933	^R 336	-360
AGA Regions							
Producing	37,436	96,894	^R 350,177	^R 220,332	^R 66,960	^R -78,226	^R -66,987
Eastern Consuming	255,647	301,453	^R 376,207	^R 468,171	^R 170,818	^R -152,040	^R -209,087
Western Consuming	44,735	68,237	^R 87,535	^R 31,251	^R 50,522	^R -11,083	^R -14,602
Total	337,818	466,585	^R813,920	^R719,754	^R288,299	^R-241,349	^R-290,675

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 1999-2001

(Volumes in Million Cubic Feet) — Continued

State	2000					
	August	July	June	May	April	March
Alabama	0	-82	^R -606	-90	66	-8
Arkansas	-680	-649	-444	-698	-287	997
California	^R 19,420	^R 199	^R -7,106	^R -11,320	^R -20,587	^R -3,491
Colorado	^R -4,811	^R -4,606	^R -4,583	^R -359	^R 1,385	^R 6,790
Illinois	^R -27,776	^R -27,774	^R -32,238	^R -12,923	^R 13,169	^R 8,699
Indiana	^R -2,698	^R -2,195	^R -1,910	^R -248	^R 1,377	^R 2,071
Iowa	^R -12,021	^R -11,254	^R -6,094	^R -4,620	^R 1,749	^R 5,353
Kansas	^R -1,042	^R -9,926	^R -9,640	^R -6,168	^R 2,341	^R 11,536
Kentucky	^R -6,537	^R -10,798	^R -6,282	^R -4,150	^R 3,556	^R 6,943
Louisiana	^R -12,990	^R -23,235	^R -22,813	^R -4,848	^R 10,011	^R 20,254
Maryland	^R -2,241	^R -2,005	^R -2,994	^R -2,478	^R -652	^R -83
Michigan	^R -53,184	^R -50,105	^R -45,757	^R -48,421	^R -8,924	^R 37,934
Minnesota	^R -277	-343	^R -132	2	^R 109	^R 282
Mississippi	^R -3,418	-5,252	^R -5,228	-4,057	^R 540	^R -1,227
Missouri	^R 209	^R 16	^R 19	^R -26	^R 100	^R -110
Montana	^R -2,264	^R -2,041	^R -457	522	621	^R 2,166
Nebraska	225	-620	1,077	-78	-92	^R 43
New Mexico	^R 1,040	800	^R -793	^R -468	^R -2,583	^R 209
New York	^R -7,493	^R -10,091	^R -10,009	^R -8,664	^R -2,847	^R 6,361
Ohio	^R -25,180	^R -33,397	^R -30,291	^R -29,262	^R -5,232	^R 24,381
Oklahoma	^R 660	^R -2,396	^R -12,742	^R -9,598	^R -6,249	^R 2,136
Oregon	^R -2,074	^R -2,270	^R -2,101	^R -893	^R 830	^R 1,872
Pennsylvania	^R -32,778	^R -52,039	^R -42,636	^R -52,860	^R -7,150	^R 11,111
Tennessee	0	0	0	0	18	63
Texas	^R 12,106	^R 1,215	^R -6,612	^R -1,260	^R -17,066	^R -12,440
Utah	^R -6,633	^R -6,747	^R -5,792	^R -5,613	^R -4,518	^R 2,979
Virginia	^R -222	^R -222	^R -224	^R -291	^R -117	32
Washington	909	-3,739	-3,660	-2,639	-893	1,485
West Virginia	^R -25,366	^R -29,171	^R -23,246	^R -18,097	^R -4,493	^R 14,445
Wyoming	-897	^R -553	-1,168	-1,590	^R 116	^R 1,328
AGA Regions						
Producing	^R -4,324	^R -39,442	^R -58,272	^R -27,098	^R -13,293	^R 21,465
Eastern Consuming	^R -195,064	^R -229,737	^R -201,190	^R -182,207	^R -9,473	^R 117,235
Western Consuming	^R 3,374	^R -20,100	^R -24,998	^R -21,890	^R -22,936	^R 13,411
Total	^R -196,014	^R -289,278	^R -284,459	^R -231,195	^R -45,702	^R 152,111

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 1999-2001

(Volumes in Million Cubic Feet) — Continued

State	2000		1999				
	February	January	Total	December	November	October	September
Alabama	-307	916	-164	189	-134	77	-402
Arkansas	1,228	1,722	233	1,276	423	-219	-237
California	^R 21,967	^R 27,434	8,194	24,198	-4,553	-4,598	-9,527
Colorado	^R 3,765	^R 6,311	-1,502	5,058	-902	-2,450	-4,903
Illinois	^R 34,034	^R 58,269	-2,715	42,415	2,345	-31,518	-38,163
Indiana	^R 1,482	^R 7,120	-244	4,419	-2,227	-3,862	-4,404
Iowa	^R 11,692	^R 21,684	2,445	21,305	1,096	-10,941	-13,108
Kansas	^R 9,582	^R 25,275	15,568	22,458	873	-1,078	-14,542
Kentucky	^R 10,529	^R 22,031	2,725	10,737	2,295	-1,066	-9,932
Louisiana	^R 39,709	^R 55,072	9,530	39,997	6,656	-11,735	-32,398
Maryland	^R 3,312	^R 5,382	-63	1,420	460	-3,376	-1,411
Michigan	^R 69,355	^R 153,478	32,938	105,683	6,548	-24,215	-49,773
Minnesota	^R 280	^R 376	-253	147	-128	-175	-272
Mississippi	-595	^R 11,378	14,502	9,530	-2,778	1,041	-2,219
Missouri	^R -550	^R 1,086	-567	340	-174	-205	-408
Montana	^R 3,194	^R 4,181	7,884	2,618	1,154	493	-1,484
Nebraska	1,313	1,019	473	557	-252	-440	-1,645
New Mexico	1,034	1,032	-2,289	814	-1,202	-259	-2,232
New York	^R 13,703	^R 18,460	7,825	12,574	1,488	-948	-5,728
Ohio	^R 36,791	^R 59,220	16,019	44,624	8,737	-9,815	-25,793
Oklahoma	^R 36,885	^R 46,411	-6,703	19,463	-2,807	-11,571	-15,615
Oregon	^R 1,660	^R 2,214	-589	1,350	-593	0	-1,546
Pennsylvania	^R 67,677	^R 111,880	23,197	69,287	4,253	-19,029	-41,496
Tennessee	63	175	-34	164	56	-57	-105
Texas	^R 39,612	^R 60,715	5,985	38,524	-652	-12,103	-10,456
Utah	^R 7,541	^R 10,034	9,193	12,584	957	-1,889	-4,860
Virginia	^R 107	^R 719	92	455	181	-109	-414
Washington	2,566	7,755	-1,213	1,577	-152	-1,462	-477
West Virginia	^R 30,364	^R 57,780	34,622	46,561	10,665	-3,320	-20,427
Wyoming	2,373	2,935	-1,063	2,359	539	-307	-1,030
AGA Regions							
Producing	^R 127,455	^R 201,606	36,826	132,062	515	-35,924	-77,700
Eastern Consuming	^R 279,564	^R 519,219	116,549	360,730	35,337	-108,825	-213,208
Western Consuming	^R 43,345	^R 61,240	20,650	49,889	-3,678	-10,388	-24,100
Total	^R 450,364	^R 782,064	174,025	542,681	32,174	-155,137	-315,007

^R Revised Data.

Notes: This table contains total net withdrawals for each State with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. Data through 2000 are final. All other data are preliminary at this time and are not considered final until publication of the *Natural Gas Annual* for that year. The American Gas Association (AGA) publishes weekly estimates of working gas levels in underground storage by

region. AGA defines the Producing Region as Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, and Mississippi; the Eastern Consuming Region as all States east of the Mississippi River less Mississippi, plus Iowa, Nebraska and Missouri; the Western Consuming Region as all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

Source: Form EIA-191, "Monthly Underground Gas Storage Report."

Table 14. Activities of Underground Natural Gas Storage Operators, by State, September 2001

(Volumes in Million Cubic Feet)

State	Total Storage Capacity	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity	
		Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals
Alabama	3,280	1,190	1,669	2,859	-111	-6.3	21	3
Arkansas	22,000	8,715	6,819	15,534	394	6.1	579	0
California	388,480	249,325	198,664	447,989	56,611	39.9	12,746	3,361
Colorado	100,227	48,255	37,592	85,847	2,219	6.3	5,576	555
Illinois	898,565	668,482	217,720	886,203	11,736	5.7	35,665	2,083
Indiana	113,210	75,311	29,508	104,819	-98	-0.3	4,116	72
Iowa	273,200	197,715	55,695	253,410	2,717	5.1	14,397	688
Kansas	301,502	178,551	92,282	270,833	20,601	28.7	17,903	497
Kentucky	219,914	109,245	100,279	209,523	12,665	14.5	9,044	69
Louisiana	569,187	268,333	246,457	514,791	87,809	55.3	42,503	7,659
Maryland	62,000	46,677	12,727	59,404	-1,765	-12.2	1,633	468
Michigan	1,070,717	459,221	508,502	967,723	33,740	7.1	72,984	336
Minnesota	7,000	4,840	1,848	6,688	-230	-11.1	232	0
Mississippi	134,012	77,715	55,413	133,128	5,231	10.4	5,209	1,141
Missouri	31,878	21,600	9,823	31,423	88	0.9	360	11
Montana	371,510	167,339	36,436	203,775	3,034	9.1	5,307	454
Nebraska	39,469	26,995	6,589	33,583	2,847	76.1	1,317	67
New Mexico	96,600	29,766	9,590	39,356	873	10.0	1,189	299
New York	175,496	96,063	73,858	169,921	2,855	4.0	6,793	449
Ohio	573,784	344,375	184,502	528,877	17,523	10.5	26,791	421
Oklahoma	378,137	200,968	148,688	349,655	54,358	57.6	19,164	1,258
Oregon	17,755	9,352	10,969	20,321	2,468	29.0	852	1
Pennsylvania	713,818	352,389	354,295	706,684	20,410	6.1	44,631	5,364
Tennessee	1,200	340	778	1,118	407	109.6	62	0
Texas	699,324	249,921	276,780	526,700	95,745	52.9	43,979	15,211
Utah	129,480	64,600	47,362	111,962	3,968	9.1	7,406	23
Virginia	4,967	2,312	2,677	4,988	453	20.4	362	90
Washington	37,300	19,000	18,181	37,181	549	3.1	1,703	254
West Virginia	733,126	278,291	175,968	454,259	31,587	21.9	22,933	437
Wyoming	105,869	60,782	22,596	83,378	2,527	12.6	3,697	6
AGA Regions								
Producing	2,200,762	1,013,969	836,028	1,849,997	265,012	46.4	130,527	26,065
Eastern Consuming	4,914,624	2,680,205	1,734,590	4,414,795	135,053	8.4	241,109	10,558
Western Consuming	1,157,620	623,493	373,648	997,141	71,147	23.5	37,520	4,653
Total	8,273,006	4,317,667	2,944,267	7,261,934	449,975	18.0	409,156	41,276

Notes: Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. The American Gas Association (AGA) publishes weekly estimates of working

gas levels in underground storage by region. AGA defines the Producing Region as Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, and Mississippi; the Eastern Consuming Region as all States east of the Mississippi River less Mississippi, plus Iowa, Nebraska and Missouri; the Western Consuming Region as all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

Source: Form EIA-191, "Monthly Underground Gas Storage Report."

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 1999-2001
(Million Cubic Feet)

State	YTD 2001	YTD 2000	YTD 1999	2001		
				August	July	June
Alabama	37,376	31,648	31,079	1,151	1,149	1,297
Alaska	9,341	9,837	10,748	538	519	609
Arizona	27,279	24,208	24,446	985	1,055	1,267
Arkansas	NA	23,908	27,803	849	NA	NA
California	355,632	339,901	418,568	22,303	23,989	22,861
Colorado	91,235	76,589	80,270	2,462	3,044	4,464
Connecticut	NA	27,745	27,902	1,007	803	NA
Delaware	7,390	7,007	6,723	164	219	275
District of Columbia	11,192	10,883	10,594	313	351	442
Florida	11,972	10,670	9,772	702	728	781
Georgia	NA	79,931	59,765	3,608	3,674	3,819
Hawaii	364	367	361	41	44	47
Idaho	13,525	12,369	12,561	341	412	584
Illinois	290,819	277,376	294,177	8,969	9,918	11,443
Indiana	NA	101,196	106,713	NA	NA	NA
Iowa	NA	45,335	49,901	1,316	NA	1,929
Kansas	54,261	46,543	50,962	1,255	1,420	1,743
Kentucky	NA	36,961	38,994	1,098	NA	988
Louisiana	NA	32,078	32,573	NA	NA	1,719
Maine	654	670	617	25	25	22
Maryland	57,986	54,449	52,416	1,819	1,809	2,207
Massachusetts	86,151	80,408	69,429	2,366	2,765	3,514
Michigan	253,776	242,835	247,172	6,298	7,084	10,690
Minnesota	86,751	78,518	79,196	2,630	2,730	3,485
Mississippi	NA	17,852	17,927	651	735	773
Missouri	89,058	76,202	83,709	2,166	2,366	3,043
Montana	13,658	12,277	12,882	404	416	696
Nebraska	33,782	28,281	29,790	905	950	1,180
Nevada	22,244	19,280	20,217	995	1,041	1,174
New Hampshire	5,203	5,191	4,794	149	154	214
New Jersey	154,185	146,136	152,595	4,821	4,780	6,006
New Mexico	20,384	21,087	21,899	839	1,008	966
New York	293,150	278,074	268,442	9,371	9,969	14,262
North Carolina	42,708	41,904	39,286	942	1,082	1,544
North Dakota	6,908	7,102	7,371	282	215	246
Ohio	250,001	218,605	219,817	6,140	8,098	9,597
Oklahoma	48,284	43,138	47,185	1,283	1,524	1,767
Oregon	27,391	26,570	27,513	905	1,095	1,508
Pennsylvania	NA	172,655	169,809	4,960	5,108	6,222
Rhode Island	14,052	13,677	12,503	450	476	644
South Carolina	20,829	19,481	18,555	470	492	567
South Dakota	NA	7,735	8,313	276	NA	NA
Tennessee	53,074	44,161	43,790	1,914	2,011	2,176
Texas	161,970	124,727	128,709	7,974	5,729	6,979
Utah	34,488	31,356	34,686	1,448	1,411	1,782
Vermont	2,089	2,060	1,878	54	65	96
Virginia	53,794	50,822	48,189	1,580	1,520	1,805
Washington	NA	48,838	49,387	NA	NA	3,021
West Virginia	NA	22,122	22,648	462	398	456
Wisconsin	NA	81,247	83,028	2,418	2,930	NA
Wyoming	7,509	7,670	8,439	249	240	440
Total	3,488,680	3,219,683	3,326,102	118,724	126,276	150,335

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 1999-2001

(Million Cubic Feet) — Continued

State	2001					2000
	May	April	March	February	January	Total
Alabama	1,893	4,605	5,643	8,644	12,994	^R 45,794
Alaska	980	1,182	1,813	1,824	1,876	15,979
Arizona	1,896	2,824	5,439	7,072	6,739	^R 34,740
Arkansas	NA	NA	NA	NA	NA	^R 42,361
California	30,433	41,474	58,633	71,182	84,757	^R 516,730
Colorado	8,234	12,557	17,892	20,481	22,102	^R 116,363
Connecticut	1,309	3,644	6,135	6,215	8,425	^R 41,534
Delaware	461	1,048	1,564	1,715	1,943	^R 9,467
District of Columbia	595	1,390	2,178	2,544	3,379	^R 15,437
Florida	955	1,310	1,510	2,635	3,351	^R 15,133
Georgia	4,742	NA	17,069	16,513	28,880	^R 140,838
Hawaii	46	47	49	43	48	535
Idaho	1,063	1,794	2,379	3,455	3,497	^R 19,131
Illinois	14,452	26,454	61,269	72,405	85,909	^R 467,052
Indiana	NA	NA	NA	NA	NA	^R 160,027
Iowa	2,639	5,559	11,095	13,101	14,777	^R 73,825
Kansas	2,437	5,758	11,650	12,213	17,787	^R 70,589
Kentucky	1,307	2,488	9,204	8,955	12,626	^R 64,662
Louisiana	2,183	3,698	5,473	8,840	13,197	^R 49,744
Maine	49	61	143	154	175	^R 1,037
Maryland	3,035	6,713	11,619	12,948	17,836	^R 84,082
Massachusetts	5,835	13,605	18,455	18,490	21,123	^R 114,077
Michigan	16,531	33,454	55,739	55,540	68,440	^R 365,661
Minnesota	4,833	9,565	17,617	22,678	23,212	^R 129,487
Mississippi	1,142	1,958	NA	4,981	7,902	^R 26,656
Missouri	3,840	9,594	17,971	21,190	28,888	^R 115,353
Montana	1,047	1,906	2,583	3,330	3,276	^R 20,072
Nebraska	2,564	4,596	6,229	7,494	9,864	^R 41,715
Nevada	1,640	2,470	3,974	5,415	5,536	^R 29,942
New Hampshire	386	784	1,061	1,132	1,324	^R 7,274
New Jersey	9,242	20,570	32,905	33,583	42,276	^R 219,878
New Mexico	1,190	1,948	2,762	5,561	6,109	^R 35,921
New York	22,366	42,975	59,507	64,028	70,672	^R 404,203
North Carolina	2,045	5,034	7,881	9,527	14,653	^R 63,897
North Dakota	366	818	1,267	1,934	1,781	^R 10,963
Ohio	13,532	30,542	52,879	56,629	72,584	^R 343,302
Oklahoma	2,313	5,668	9,987	12,033	13,710	^R 66,581
Oregon	2,653	3,916	5,048	5,941	6,324	^R 38,698
Pennsylvania	NA	NA	38,814	39,973	51,432	^R 262,770
Rhode Island	1,030	2,133	2,881	2,966	3,471	18,655
South Carolina	992	2,463	3,238	4,689	7,919	^R 29,057
South Dakota	547	1,039	1,770	2,172	2,165	^R 12,608
Tennessee	1,970	5,352	9,693	10,443	19,516	^R 67,950
Texas	8,492	15,626	25,405	38,785	52,979	^R 193,149
Utah	1,888	4,120	5,561	8,187	10,092	^R 55,626
Vermont	146	316	420	446	544	2,843
Virginia	2,377	5,712	10,828	12,695	17,278	^R 79,701
Washington	4,899	7,278	8,883	10,980	11,085	^R 71,779
West Virginia	NA	3,502	NA	5,442	6,923	^R 31,602
Wisconsin	NA	8,545	21,640	22,782	23,699	^R 135,023
Wyoming	610	1,158	1,101	1,846	1,865	^R 12,177
Total	214,264	410,469	690,484	791,366	986,763	^R4,991,678

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 1999-2001
(Million Cubic Feet) — Continued

State	2000					
	December	November	October	September	August	July
Alabama	R8,385	R2,900	R1,700	R1,160	R1,134	R1,204
Alaska	2,013	1,748	1,454	927	618	474
Arizona	R5,704	R2,787	R1,070	R971	R903	R996
Arkansas	R10,480	R5,332	R1,487	1,154	916	R791
California	R68,470	R52,106	R31,757	R24,496	R22,116	R24,448
Colorado	R20,693	R10,855	R5,520	R2,706	R2,553	R3,005
Connecticut	R6,755	R3,793	R2,262	R979	R617	R953
Delaware	R1,404	615	R270	172	R188	246
District of Columbia	R2,557	R1,069	R553	R376	R356	R379
Florida	R1,940	R994	R829	R700	R701	R734
Georgia	R34,149	R15,912	R6,682	R4,164	R3,833	R3,775
Hawaii	44	42	41	41	39	44
Idaho	R3,272	R2,147	R859	R484	R349	R438
Illinois	R99,546	R55,919	R21,839	R12,373	R10,589	R9,549
Indiana	R32,663	R15,481	R6,732	R3,955	R2,904	R2,924
Iowa	15,570	8,096	3,114	1,710	1,410	1,551
Kansas	R14,343	R5,601	R2,523	R1,578	R1,307	R1,596
Kentucky	R15,301	R8,161	R2,793	R1,446	R1,233	R1,071
Louisiana	R9,497	R4,251	R2,204	R1,714	R1,623	R1,724
Maine	176	96	63	32	R26	27
Maryland	R15,652	R8,114	R3,809	R2,058	R1,951	R1,942
Massachusetts	R16,794	R9,077	R4,856	R2,942	R2,588	R2,883
Michigan	R64,432	R31,636	R17,518	R9,240	R7,508	R7,779
Minnesota	R26,737	R14,839	R6,141	R3,252	R2,756	R2,859
Mississippi	R5,308	R1,725	R1,063	R707	R693	R753
Missouri	R23,334	R9,293	R4,019	R2,505	R2,478	R2,427
Montana	R3,475	R2,406	R1,305	R609	R391	R481
Nebraska	R6,890	R3,620	R1,877	R1,048	774	R899
Nevada	4,950	3,228	1,399	1,085	R932	1,009
New Hampshire	1,033	566	302	182	143	178
New Jersey	R37,333	R20,021	R10,449	R5,939	R5,115	R4,998
New Mexico	R6,450	R4,663	R2,505	R1,217	R984	R970
New York	R61,679	R34,303	R18,879	R11,268	R10,453	R11,006
North Carolina	R12,523	R5,969	R2,450	R1,052	R1,010	R1,007
North Dakota	R1,904	R1,120	R585	R251	R223	R210
Ohio	R68,382	R32,751	R15,897	R7,667	R6,817	R7,315
Oklahoma	R14,022	R5,593	R2,339	R1,489	R1,428	R1,581
Oregon	R6,028	R3,552	R1,572	R977	R801	R997
Pennsylvania	R46,947	R23,666	R12,517	R6,985	R5,649	R5,826
Rhode Island	2,487	1,262	722	506	451	482
South Carolina	R6,012	R2,023	R1,007	R533	R466	R495
South Dakota	2,621	1,375	601	277	243	248
Tennessee	R15,034	R5,172	R2,367	R1,216	R1,104	R1,190
Texas	R38,534	R15,788	R8,306	R5,793	R5,675	R6,207
Utah	9,652	R8,379	3,824	2,415	1,444	1,492
Vermont	376	210	124	72	62	70
Virginia	R15,690	R8,190	R3,287	R1,712	R1,487	R1,573
Washington	R10,887	R6,796	R3,234	R2,023	R1,614	R1,997
West Virginia	R5,331	R2,177	R1,372	R599	R535	R520
Wisconsin	R27,792	R15,542	R6,848	R3,593	R2,907	R2,702
Wyoming	R2,076	R1,302	R743	R386	R291	R303
Total	R913,328	R482,262	R235,670	R140,734	R122,387	R128,330

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 1999-2001

(Million Cubic Feet) — Continued

State	2000					
	June	May	April	March	February	January
Alabama	^R 1,335	^R 2,240	^R 3,350	^R 4,638	^R 9,378	^R 8,369
Alaska	645	864	1,233	1,764	1,885	2,354
Arizona	^R 1,178	^R 1,510	^R 2,663	^R 4,192	^R 6,328	^R 6,438
Arkansas	916	^R 1,558	^R 2,439	^R 4,139	^R 5,734	^R 7,415
California	^R 27,625	^R 31,735	^R 39,046	^R 62,855	^R 65,334	^R 66,741
Colorado	^R 4,081	^R 6,487	^R 11,175	^R 14,321	^R 16,123	^R 18,846
Connecticut	^R 1,260	^R 2,226	^R 3,190	^R 4,978	^R 7,631	^R 6,891
Delaware	294	655	985	1,178	^R 1,662	1,800
District of Columbia	^R 485	^R 741	^R 1,272	^R 1,747	^R 3,114	^R 2,788
Florida	^R 831	^R 967	^R 1,133	^R 1,622	^R 2,503	^R 2,179
Georgia	^R 3,835	^R 4,818	^R 8,441	^R 11,126	^R 17,571	^R 26,533
Hawaii	45	47	46	48	49	48
Idaho	^R 633	^R 909	^R 1,695	^R 2,298	^R 2,716	^R 3,331
Illinois	^R 12,052	^R 15,613	^R 35,412	^R 45,617	^R 64,000	^R 84,544
Indiana	^R 3,666	^R 6,233	^R 12,740	^R 16,107	^R 25,856	^R 30,766
Iowa	1,611	^R 2,654	^R 5,390	^R 7,677	^R 10,987	^R 14,057
Kansas	^R 1,798	^R 2,946	^R 5,743	^R 8,179	^R 11,827	^R 13,147
Kentucky	^R 1,129	^R 1,415	^R 4,108	^R 6,183	^R 8,233	^R 13,590
Louisiana	^R 1,815	^R 2,062	^R 3,702	^R 4,490	^R 7,834	^R 8,827
Maine	31	49	89	123	122	202
Maryland	^R 2,267	^R 3,375	^R 6,556	^R 8,846	^R 14,599	^R 14,913
Massachusetts	^R 4,065	^R 7,051	^R 10,203	^R 13,785	^R 21,076	^R 18,757
Michigan	^R 9,722	^R 18,495	^R 32,882	^R 42,659	^R 59,612	^R 64,177
Minnesota	^R 3,350	^R 4,912	^R 9,645	^R 12,733	^R 17,822	^R 24,440
Mississippi	^R 820	^R 1,178	^R 1,859	^R 2,549	^R 5,113	^R 4,887
Missouri	^R 2,048	^R 4,864	^R 9,272	^R 12,965	^R 20,769	^R 21,380
Montana	^R 605	^R 970	^R 1,555	^R 2,285	^R 2,795	^R 3,195
Nebraska	^R 981	^R 1,434	^R 4,495	^R 5,720	^R 6,744	^R 7,233
Nevada	1,184	1,568	2,027	3,711	^R 3,863	4,985
New Hampshire	275	432	^R 632	973	^R 1,242	1,316
New Jersey	^R 6,216	^R 11,043	^R 17,746	^R 25,021	^R 37,885	^R 38,111
New Mexico	^R 1,577	^R 1,149	^R 3,415	^R 3,424	^R 4,407	^R 5,161
New York	^R 14,521	^R 22,762	^R 37,638	^R 48,568	^R 66,757	^R 66,368
North Carolina	^R 1,483	^R 2,225	^R 4,451	^R 7,549	^R 13,160	^R 11,018
North Dakota	^R 329	^R 496	^R 916	^R 1,305	^R 1,675	^R 1,950
Ohio	^R 7,817	^R 13,670	^R 28,312	^R 38,110	^R 53,546	^R 63,017
Oklahoma	^R 1,817	^R 2,774	^R 5,186	^R 7,445	^R 11,632	^R 11,274
Oregon	^R 1,530	^R 2,321	^R 3,475	^R 5,048	^R 5,776	^R 6,622
Pennsylvania	^R 7,889	^R 10,831	^R 22,058	^R 29,613	^R 42,453	^R 48,335
Rhode Island	715	1,279	1,812	2,581	3,500	2,857
South Carolina	^R 577	^R 1,141	^R 1,919	^R 2,880	^R 6,445	^R 5,559
South Dakota	333	573	^R 1,057	1,360	1,772	2,149
Tennessee	^R 1,310	^R 2,513	^R 4,791	^R 6,701	^R 13,078	^R 13,474
Texas	^R 7,103	^R 8,485	^R 14,566	^R 17,552	^R 31,423	^R 33,716
Utah	1,494	1,809	2,967	6,792	7,038	8,319
Vermont	110	179	268	396	510	465
Virginia	^R 1,804	^R 2,870	^R 5,521	^R 8,387	^R 14,073	^R 15,108
Washington	^R 3,119	^R 4,583	^R 6,568	^R 9,196	^R 10,369	^R 11,393
West Virginia	^R 747	^R 1,898	^R 2,491	^R 3,818	^R 6,279	^R 5,832
Wisconsin	^R 2,661	^R 5,024	^R 11,195	^R 13,099	^R 18,324	^R 25,336
Wyoming	^R 396	^R 670	^R 1,223	^R 1,437	^R 1,674	^R 1,676
Total	^R154,133	^R228,304	^R400,556	^R549,790	^R774,296	^R861,888

^R Revised Data.^{NA} Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and

revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 1999-2001
(Million Cubic Feet)

State	YTD 2001	YTD 2000	YTD 1999	2001		
				August	July	June
Alabama	18,901	17,151	18,438	1,101	1,079	1,157
Alaska	10,960	16,532	17,548	856	814	873
Arizona	21,851	22,151	21,809	1,767	1,781	1,972
Arkansas	NA	20,333	20,543	3,787	NA	NA
California	168,294	162,120	174,554	17,221	15,534	15,716
Colorado	49,862	39,703	42,492	1,799	2,251	2,917
Connecticut	NA	32,211	33,061	1,949	1,632	NA
Delaware	4,693	3,709	4,579	175	197	242
District of Columbia	12,336	12,475	13,251	628	903	851
Florida	34,909	32,305	25,668	3,477	3,575	3,760
Georgia	NA	36,427	29,937	2,138	2,118	2,174
Hawaii	1,193	1,184	1,169	140	148	151
Idaho	9,998	8,686	8,758	502	572	660
Illinois	132,270	124,604	127,515	7,502	7,009	7,067
Indiana	NA	55,943	51,295	NA	NA	NA
Iowa	NA	28,056	31,008	995	NA	1,425
Kansas	29,444	25,922	28,237	1,451	1,576	1,282
Kentucky	NA	23,440	24,404	1,364	NA	937
Louisiana	NA	17,005	17,295	NA	NA	1,742
Maine	1,268	1,846	1,701	69	68	64
Maryland	37,718	37,671	40,632	2,184	2,317	2,415
Massachusetts	44,851	43,576	48,498	2,321	2,157	2,668
Michigan	127,400	125,544	125,641	5,163	5,218	6,157
Minnesota	64,968	59,047	58,606	2,955	2,773	3,170
Mississippi	15,700	13,766	13,903	1,124	1,060	1,019
Missouri	48,448	42,228	46,406	1,991	2,064	2,206
Montana	9,280	8,637	8,255	363	383	492
Nebraska	20,068	18,912	20,516	909	1,040	1,132
Nevada	15,603	17,067	15,475	1,255	1,254	1,347
New Hampshire	5,831	5,703	5,068	219	128	190
New Jersey	135,593	112,142	118,653	5,292	6,270	5,512
New Mexico	17,612	17,691	18,153	967	1,020	1,087
New York	240,506	275,812	243,098	24,807	22,619	30,702
North Carolina	27,571	28,429	26,858	1,478	1,606	1,594
North Dakota	6,792	6,800	6,980	316	336	280
Ohio	137,570	116,746	117,265	4,650	5,668	5,920
Oklahoma	35,873	28,156	28,933	1,954	2,358	2,496
Oregon	28,018	19,478	20,321	3,492	4,058	3,956
Pennsylvania	NA	95,861	96,648	4,235	4,128	5,025
Rhode Island	9,521	9,080	8,367	464	460	511
South Carolina	15,532	14,639	14,108	1,063	1,881	1,109
South Dakota	NA	6,369	6,778	295	NA	303
Tennessee	37,925	35,673	37,321	1,738	2,022	1,907
Texas	230,057	122,877	116,048	19,305	22,634	20,887
Utah	20,183	18,450	19,508	932	934	973
Vermont	1,843	1,842	1,647	72	74	108
Virginia	NA	42,921	42,302	2,757	2,512	2,553
Washington	NA	34,005	34,998	NA	NA	9,848
West Virginia	NA	17,577	18,532	1,138	899	1,430
Wisconsin	NA	49,701	54,111	2,007	2,314	NA
Wyoming	8,077	6,290	6,751	203	247	344
Total	2,330,826	2,114,494	2,113,643	155,758	156,004	168,592

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 1999-2001

(Million Cubic Feet) — Continued

State	2001					2000
	May	April	March	February	January	Total
Alabama	1,457	2,248	2,858	3,782	5,218	^R 25,344
Alaska	1,279	1,410	1,894	1,839	1,995	^R 26,424
Arizona	2,317	2,810	3,466	3,759	3,981	^R 32,211
Arkansas	NA	NA	NA	NA	NA	^R 33,181
California	16,985	26,490	22,690	25,858	27,800	^R 250,947
Colorado	4,718	6,845	9,385	10,179	11,768	^R 60,909
Connecticut	2,386	4,268	5,652	5,993	6,697	^R 48,579
Delaware	312	663	1,007	952	1,145	^R 5,127
District of Columbia	1,119	1,937	2,198	2,271	2,429	^R 17,744
Florida	4,104	4,379	4,637	5,429	5,549	^R 47,973
Georgia	2,443	NA	6,576	6,486	10,029	^R 59,334
Hawaii	145	150	154	151	154	1,771
Idaho	922	1,193	1,594	2,238	2,318	^R 13,451
Illinois	7,787	12,159	26,168	30,068	34,511	^R 201,835
Indiana	NA	NA	NA	NA	NA	^R 90,427
Iowa	1,811	3,538	6,633	7,762	8,891	^R 45,597
Kansas	1,491	3,107	5,747	6,595	8,195	^R 39,650
Kentucky	1,402	2,360	4,906	5,480	7,947	^R 38,670
Louisiana	1,861	2,238	NA	3,437	4,456	^R 25,673
Maine	107	194	358	408	0	^R 2,770
Maryland	2,905	4,619	6,629	7,092	9,556	^R 55,748
Massachusetts	3,908	6,724	8,588	8,839	9,648	^R 63,798
Michigan	8,669	16,610	25,979	27,509	32,095	^R 186,084
Minnesota	4,156	7,444	13,019	15,176	16,275	^R 94,536
Mississippi	1,175	1,579	2,486	3,000	4,257	^R 21,379
Missouri	2,705	5,395	9,201	10,942	13,945	^R 62,856
Montana	767	1,254	965	2,796	2,261	^R 13,538
Nebraska	1,508	2,814	4,218	4,666	3,782	^R 28,462
Nevada	1,553	1,970	2,549	2,817	2,858	^R 25,637
New Hampshire	510	990	1,201	1,405	1,187	^R 8,323
New Jersey	9,582	17,571	25,057	30,057	36,251	^R 158,544
New Mexico	1,420	2,600	2,510	3,989	4,021	^R 27,609
New York	29,525	25,816	33,461	36,187	37,390	^R 410,454
North Carolina	2,047	3,190	4,630	5,346	7,680	^R 43,105
North Dakota	400	810	1,078	1,791	1,780	^R 10,795
Ohio	8,248	16,115	27,194	32,534	37,242	^R 178,024
Oklahoma	2,445	4,306	5,848	7,220	9,246	^R 43,347
Oregon	2,032	2,755	3,470	3,967	4,288	^R 28,643
Pennsylvania	6,623	12,504	NA	NA	NA	^R 145,364
Rhode Island	743	1,382	1,882	1,930	2,149	^R 12,998
South Carolina	1,317	1,834	2,195	2,542	3,589	^R 22,107
South Dakota	410	802	1,404	1,676	1,512	^R 10,120
Tennessee	2,173	4,400	6,121	7,729	11,835	^R 53,202
Texas	35,525	22,989	29,807	35,900	43,011	^R 185,828
Utah	1,385	2,538	3,315	4,551	5,556	^R 31,426
Vermont	136	276	356	374	447	2,595
Virginia	3,035	NA	7,199	7,950	10,207	^R 66,161
Washington	3,863	4,948	5,683	6,745	7,049	^R 50,573
West Virginia	1,341	2,849	NA	3,687	4,508	^R 26,168
Wisconsin	NA	5,576	12,678	12,640	13,749	^R 81,146
Wyoming	469	1,195	1,891	2,120	1,608	^R 9,767
Total	200,304	274,059	395,778	452,032	528,300	^R3,225,955

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 1999-2001
(Million Cubic Feet) — Continued

State	2000					
	December	November	October	September	August	July
Alabama	R3,814	R1,867	R1,398	R1,109	R1,070	R1,077
Alaska	R3,068	R2,636	R2,618	R1,569	R1,308	R1,250
Arizona	R3,650	R2,403	R2,020	R1,914	R1,877	R1,959
Arkansas	R6,255	R3,970	R1,525	R1,097	R1,927	R1,403
California	R24,997	R24,057	R17,276	R17,990	R17,572	R16,392
Colorado	R9,864	R5,955	R3,529	R1,823	R1,761	R2,027
Connecticut	R6,598	R4,338	R3,116	R2,212	R2,306	R2,422
Delaware	R704	R421	R234	58	R185	R195
District of Columbia	R2,174	R1,236	R955	R889	R857	R887
Florida	R4,774	R3,954	R3,523	R3,348	R3,233	R3,400
Georgia	R11,102	R5,923	R3,064	R2,293	R2,123	R2,158
Hawaii	145	152	146	145	141	146
Idaho	R2,117	R1,415	R690	R507	R418	R457
Illinois	R37,604	R21,467	R10,550	R7,544	R6,704	R6,246
Indiana	R17,488	R8,877	R4,729	R3,340	R2,597	R2,502
Iowa	R9,008	R4,830	R2,241	R1,462	R1,086	R1,400
Kansas	R7,127	R3,348	R1,733	R1,516	R1,371	R1,442
Kentucky	R8,089	R4,089	R1,804	R1,247	R1,060	R1,056
Louisiana	R3,596	R2,152	R1,561	R1,346	R1,386	R1,364
Maine	439	249	154	81	R78	85
Maryland	R8,042	R4,816	R2,747	R2,392	R2,070	R2,077
Massachusetts	R8,390	R5,170	R3,243	R3,414	R2,318	R2,503
Michigan	R29,408	R15,210	R9,262	R6,629	R6,094	R5,423
Minnesota	R16,756	R10,478	R5,030	R3,217	R3,027	R2,938
Mississippi	R3,336	R1,799	R1,349	R1,128	R1,024	R1,016
Missouri	R10,701	R4,989	R3,110	R1,821	R1,962	R2,057
Montana	R2,131	R1,471	R835	R459	R359	R433
Nebraska	R5,212	R2,112	R1,228	R998	R955	R955
Nevada	R2,771	R2,431	R1,775	R1,542	R1,526	R1,825
New Hampshire	977	931	417	295	276	263
New Jersey	R22,681	R12,531	R6,986	R4,203	R13,684	R3,844
New Mexico	R3,945	R2,589	R1,548	R1,567	R1,143	R1,279
New York	R40,591	R32,761	R29,652	R30,697	R29,704	R28,305
North Carolina	R6,823	R3,963	R2,192	R1,694	R1,542	R1,529
North Dakota	R1,961	R1,136	R564	R326	R326	R272
Ohio	R31,211	R16,280	R8,257	R5,104	R4,940	R4,992
Oklahoma	R7,351	R3,413	R2,057	R1,956	R1,893	R1,935
Oregon	R4,076	R2,457	R1,430	R1,148	R1,013	R1,080
Pennsylvania	R23,427	R13,074	R7,835	R5,110	R4,437	R4,240
Rhode Island	R1,749	R999	R667	R479	R447	R443
South Carolina	R3,148	R1,784	R1,354	R1,180	R1,107	R1,119
South Dakota	R1,920	R1,066	R476	R288	R251	R282
Tennessee	R8,430	R4,422	R2,431	R2,238	R1,834	R1,801
Texas	R24,896	R14,895	R11,451	R11,707	R12,328	R11,720
Utah	R5,205	R4,320	R2,000	R1,308	R919	R955
Vermont	327	212	127	87	82	81
Virginia	R10,029	R6,545	R3,840	R2,763	R2,691	R2,504
Washington	R6,488	R5,338	R2,558	R2,073	R1,894	R2,078
West Virginia	R3,536	R2,209	R1,634	R1,211	R1,235	R1,173
Wisconsin	R15,464	R9,095	R4,300	R2,542	R2,491	R2,173
Wyoming	R1,368	R1,079	R633	R383	R300	R305
Total	R474,960	R292,916	R183,855	R151,449	R152,929	R139,471

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 1999-2001
(Million Cubic Feet) — Continued

State	2000					
	June	May	April	March	February	January
Alabama	^R 1,173	^R 1,452	^R 1,954	^R 2,458	^R 4,193	^R 3,775
Alaska	^R 985	^R 1,946	^R 2,090	^R 2,755	^R 2,613	^R 3,584
Arizona	^R 2,113	^R 2,294	^R 2,836	^R 3,444	^R 3,593	^R 4,035
Arkansas	^R 1,537	^R 1,655	^R 1,426	^R 4,130	^R 3,910	^R 4,345
California	^R 15,966	^R 16,684	^R 20,237	^R 24,531	^R 24,242	^R 26,495
Colorado	^R 2,537	^R 3,411	^R 5,699	^R 7,202	^R 8,106	^R 8,959
Connecticut	^R 2,245	^R 3,303	^R 3,741	^R 5,538	^R 7,008	^R 5,648
Delaware	^R 227	^R 351	^R 499	^R 450	^R 867	^R 935
District of Columbia	^R 983	^R 1,345	^R 1,716	^R 2,047	^R 2,287	^R 2,353
Florida	^R 3,489	^R 3,839	^R 4,155	^R 4,502	^R 4,751	^R 4,937
Georgia	^R 2,305	^R 3,790	^R 4,105	^R 5,031	^R 7,292	^R 9,622
Hawaii	151	148	146	150	149	153
Idaho	^R 554	^R 674	^R 1,132	^R 1,526	^R 1,772	^R 2,152
Illinois	^R 6,325	^R 8,281	^R 15,395	^R 19,510	^R 27,474	^R 34,670
Indiana	^R 2,641	^R 3,896	^R 6,850	^R 8,703	^R 13,386	^R 15,368
Iowa	^R 1,273	^R 2,438	^R 3,262	^R 4,414	^R 6,153	^R 8,030
Kansas	^R 1,405	^R 1,722	^R 2,997	^R 4,337	^R 6,015	^R 6,634
Kentucky	^R 1,147	^R 1,492	^R 2,534	^R 3,728	^R 5,715	^R 6,707
Louisiana	^R 1,559	^R 1,730	^R 2,129	^R 2,412	^R 3,173	^R 3,252
Maine	81	^R 107	271	341	361	522
Maryland	^R 2,587	^R 3,498	^R 4,673	^R 6,224	^R 7,962	^R 8,579
Massachusetts	^R 3,060	^R 4,325	^R 5,889	^R 7,378	^R 10,477	^R 7,625
Michigan	^R 6,883	^R 10,344	^R 16,410	^R 21,942	^R 27,355	^R 31,094
Minnesota	^R 2,928	^R 4,018	^R 7,515	^R 9,695	^R 12,279	^R 16,647
Mississippi	^R 985	1,296	^R 1,569	^R 1,893	^R 3,085	^R 2,899
Missouri	^R 2,155	3,115	^R 4,672	^R 7,284	^R 10,406	^R 10,577
Montana	^R 511	^R 736	^R 1,098	^R 1,521	^R 1,834	^R 2,145
Nebraska	^R 1,309	^R 1,518	^R 2,392	^R 3,280	^R 4,029	^R 4,475
Nevada	^R 1,656	^R 1,802	^R 2,003	^R 2,662	^R 2,544	^R 3,050
New Hampshire	342	^R 472	^R 707	994	1,314	^R 1,335
New Jersey	^R 6,230	^R 6,049	^R 13,562	^R 20,076	^R 25,781	^R 22,916
New Mexico	^R 1,922	1,709	^R 1,504	^R 3,031	3,255	3,847
New York	^R 29,082	^R 30,103	^R 34,862	^R 52,831	^R 37,472	^R 33,453
North Carolina	^R 1,897	^R 1,923	^R 2,967	^R 4,835	^R 7,209	^R 6,528
North Dakota	^R 354	^R 512	^R 860	^R 1,177	^R 1,523	^R 1,776
Ohio	^R 5,395	^R 8,406	^R 14,376	^R 21,354	^R 27,630	^R 29,653
Oklahoma	^R 1,539	^R 2,390	^R 3,343	^R 4,641	^R 6,507	^R 5,908
Oregon	^R 1,391	^R 1,812	^R 2,380	^R 3,475	^R 3,880	^R 4,448
Pennsylvania	^R 5,052	^R 6,650	^R 11,432	^R 16,078	^R 23,017	^R 24,955
Rhode Island	^R 541	^R 726	^R 1,303	^R 1,514	^R 2,100	^R 2,006
South Carolina	^R 1,177	^R 1,366	^R 1,656	^R 2,044	^R 3,212	^R 2,958
South Dakota	^R 329	^R 521	^R 714	^R 1,317	^R 1,354	^R 1,602
Tennessee	^R 2,072	^R 2,491	^R 3,735	^R 4,645	^R 8,872	^R 10,223
Texas	^R 11,359	^R 12,951	^R 14,521	^R 16,180	^R 21,800	^R 22,018
Utah	^R 954	^R 1,240	^R 1,993	^R 3,889	^R 3,893	^R 4,605
Vermont	102	161	227	337	428	425
Virginia	^R 2,802	^R 3,561	^R 5,192	^R 6,721	^R 9,481	^R 9,969
Washington	^R 2,688	^R 3,402	^R 4,613	^R 5,816	^R 6,562	^R 6,952
West Virginia	^R 1,203	^R 1,638	^R 2,033	^R 3,048	^R 3,519	^R 3,727
Wisconsin	^R 2,394	^R 3,633	^R 6,333	^R 8,047	^R 10,429	^R 14,200
Wyoming	^R 333	^R 545	^R 895	^R 1,445	^R 1,123	^R 1,343
Total	^R149,933	^R183,472	^R258,602	^R352,582	^R423,392	^R454,114

^R Revised Data.

^{NA} Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual

total but not in the monthly components. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 1999-2001
(Million Cubic Feet)

State	YTD 2001	YTD 2000	YTD 1999	2001		
				August	July	June
Alabama	113,880	130,600	134,956	14,386	13,740	13,425
Alaska	NA	51,875	49,164	NA	7,286	5,235
Arizona	18,459	16,469	18,538	1,984	2,804	2,266
Arkansas	NA	88,826	95,247	7,323	8,129	NA
California	918,847	862,808	677,521	126,970	117,280	113,462
Colorado	79,059	59,165	54,010	8,893	8,507	8,162
Connecticut	17,169	23,412	20,332	1,885	2,365	2,111
Delaware	13,299	22,555	13,406	1,838	1,427	1,407
District of Columbia	0	0	0	0	0	0
Florida	84,154	97,139	94,757	10,777	11,725	10,326
Georgia	NA	120,139	117,894	14,785	13,086	11,733
Hawaii	373	360	301	47	50	46
Idaho *	20,282	21,552	22,311	2,002	2,309	2,286
Illinois	204,396	221,973	202,145	23,273	24,006	20,129
Indiana	NA	208,629	210,525	20,496	NA	19,065
Iowa	NA	65,545	68,686	7,311	NA	6,987
Kansas	64,914	74,065	68,898	9,968	8,833	6,545
Kentucky	NA	68,108	64,831	NA	NA	6,000
Louisiana	700,775	564,997	579,154	90,898	84,834	80,184
Maine	1,303	2,269	1,572	208	186	195
Maryland	27,235	30,380	27,508	4,579	3,311	3,458
Massachusetts	96,634	102,527	104,783	12,636	10,817	10,866
Michigan	198,950	206,201	199,206	20,378	20,990	21,823
Minnesota	56,757	68,487	71,782	6,898	5,898	5,750
Mississippi	63,966	76,327	79,238	7,464	7,299	7,475
Missouri	46,944	45,176	40,819	4,993	4,870	4,496
Montana	14,036	15,781	15,734	1,334	1,494	1,227
Nebraska	26,304	30,245	31,650	3,739	5,233	2,615
Nevada	30,703	28,160	22,319	5,416	4,251	3,878
New Hampshire	2,358	3,196	4,054	201	266	277
New Jersey	102,256	139,150	138,919	14,409	14,142	12,842
New Mexico	25,244	17,141	17,513	1,925	6,145	3,297
New York	199,030	229,065	200,340	25,872	23,321	24,819
North Carolina	55,926	72,922	71,265	7,839	6,997	7,026
North Dakota	12,772	9,764	12,002	1,797	815	2,014
Ohio	192,730	222,024	219,968	18,118	19,353	19,767
Oklahoma	90,818	117,531	121,740	7,483	10,603	10,182
Oregon	NA	72,191	69,084	NA	6,978	7,633
Pennsylvania	142,608	169,656	161,680	17,375	15,310	14,559
Rhode Island	36,842	32,088	37,391	6,065	5,269	4,852
South Carolina	49,142	68,146	66,964	7,129	6,652	6,245
South Dakota	5,359	3,922	3,382	444	529	513
Tennessee	84,666	84,025	96,575	9,304	8,866	8,885
Texas	1,190,491	1,422,800	1,188,460	184,357	135,859	121,042
Utah	23,072	26,079	26,648	2,367	2,640	2,866
Vermont	1,689	2,564	1,825	181	165	176
Virginia	50,574	68,217	65,830	9,294	8,016	4,659
Washington	NA	80,231	74,753	NA	10,848	10,633
West Virginia	NA	30,628	29,375	3,070	3,290	NA
Wisconsin	NA	104,477	95,456	9,662	9,058	NA
Wyoming	18,143	25,442	23,207	2,374	2,286	2,398
Total	5,877,538	6,305,030	5,813,716	761,527	700,465	656,383

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 1999-2001

(Million Cubic Feet) — Continued

State	2001					2000
	May	April	March	February	January	Total
Alabama	14,493	14,024	15,721	14,026	14,066	^R 191,010
Alaska	5,728	6,151	6,487	5,805	6,543	^R 72,694
Arizona	2,379	2,002	2,267	2,460	2,298	^R 25,052
Arkansas	9,809	10,024	10,593	NA	10,397	^R 132,834
California	114,391	110,102	109,447	108,390	118,805	^R 1,350,795
Colorado	9,225	11,174	10,717	10,249	12,131	^R 90,233
Connecticut	2,302	2,065	2,199	2,053	2,189	^R 33,598
Delaware	1,208	1,687	1,801	1,980	1,952	^R 33,103
District of Columbia	0	0	0	0	0	0
Florida	10,925	10,437	10,251	9,233	10,481	^R 139,597
Georgia	12,021	NA	13,094	11,511	10,835	^R 173,277
Hawaii	46	47	44	43	51	536
Idaho ^a	2,320	2,661	2,777	2,826	3,101	^R 32,464
Illinois	24,389	23,815	29,170	29,292	30,323	^R 335,154
Indiana	19,635	20,256	25,296	24,195	27,925	^R 312,222
Iowa	7,912	8,120	9,066	8,810	9,554	^R 100,368
Kansas	5,682	7,543	8,424	8,460	9,461	^R 108,903
Kentucky	6,117	9,256	6,846	8,047	10,049	^R 100,803
Louisiana	82,631	91,609	96,285	86,299	88,034	^R 899,418
Maine	167	51	76	314	107	3,927
Maryland	3,072	3,100	3,649	2,909	3,157	^R 46,220
Massachusetts	12,359	11,603	11,651	13,239	13,462	^R 151,845
Michigan	22,132	26,777	29,494	27,728	29,628	^R 297,963
Minnesota	5,771	7,290	8,357	8,061	8,734	^R 103,952
Mississippi	7,919	7,940	9,236	6,432	10,201	^R 111,764
Missouri	4,620	5,627	5,699	7,933	8,705	^R 69,186
Montana	1,228	1,867	2,220	2,222	2,444	^R 23,841
Nebraska	2,590	3,156	2,770	2,967	3,235	^R 45,958
Nevada	2,622	2,322	3,628	4,466	4,120	^R 46,573
New Hampshire	397	163	378	336	340	^R 4,453
New Jersey	9,178	12,564	12,780	13,187	13,155	^R 195,301
New Mexico	3,553	3,296	2,464	2,363	2,202	^R 26,086
New York	22,445	25,583	26,460	25,367	25,164	^R 338,202
North Carolina	6,697	6,704	7,491	6,309	6,863	^R 105,416
North Dakota	1,855	2,198	1,231	1,553	1,310	^R 14,795
Ohio	20,690	23,206	28,172	28,382	35,041	^R 332,135
Oklahoma	12,669	12,464	12,596	14,486	10,335	^R 163,919
Oregon	7,637	8,199	8,910	9,919	7,431	^R 104,078
Pennsylvania	16,610	17,920	20,257	19,959	20,619	^R 248,652
Rhode Island	5,197	3,625	5,389	2,954	3,491	^R 46,393
South Carolina	6,103	6,097	6,657	5,548	4,712	^R 97,682
South Dakota	822	866	861	720	602	^R 6,400
Tennessee	10,118	12,554	11,605	11,208	12,126	^R 129,548
Texas	143,541	140,749	164,043	147,429	153,471	^R 2,165,454
Utah	2,965	3,001	2,766	3,278	3,190	^R 39,378
Vermont	261	242	309	183	172	3,949
Virginia	5,793	4,896	4,722	6,321	6,874	^R 100,530
Washington	11,763	11,415	11,824	11,331	10,791	^R 116,233
West Virginia	NA	3,335	NA	3,457	3,749	^R 44,421
Wisconsin	NA	11,397	19,281	16,412	16,149	^R 159,842
Wyoming	2,339	2,155	1,804	1,719	3,068	^R 35,409
Total	696,540	727,509	790,942	751,329	792,843	^R9,511,565

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 1999-2001
(Million Cubic Feet) — Continued

State	2000					
	December	November	October	September	August	July
Alabama	R16,038	R15,523	R15,063	R13,787	R15,060	R14,164
Alaska	R6,000	R4,910	R5,262	R4,647	R8,885	R6,897
Arizona	R2,428	R2,175	R1,930	R2,050	R2,060	R2,215
Arkansas	R11,826	R10,831	R11,408	R9,943	R9,944	R8,868
California	R110,101	R113,796	R134,647	R129,442	R154,030	R130,855
Colorado	R9,821	R7,493	R6,774	R6,980	R6,683	R6,175
Connecticut	R2,817	R2,851	R2,198	R2,320	R2,974	R2,031
Delaware	R2,645	R2,457	R3,112	R2,334	R2,037	R2,229
District of Columbia	0	0	0	0	0	0
Florida	R9,767	R11,229	R10,873	R10,589	R11,863	R11,360
Georgia	R12,357	R13,270	R13,716	R13,796	R15,060	R14,959
Hawaii	43	47	46	40	42	46
Idaho ^a	R2,790	R2,811	R2,765	R2,545	R2,209	R2,411
Illinois	R34,634	R30,563	R23,869	R24,114	R24,854	R21,166
Indiana	R30,064	R25,863	R24,240	R23,427	R23,508	R22,141
Iowa	R9,937	R9,027	R8,208	R7,652	R7,319	R6,696
Kansas	R7,927	R8,592	R7,358	R10,961	R11,230	R10,410
Kentucky	R9,159	R8,654	R7,552	R7,329	R7,184	R6,899
Louisiana	R83,603	R85,394	R85,484	R79,940	R86,359	R61,748
Maine	581	496	334	246	229	224
Maryland	R4,116	R4,128	R3,895	R3,701	R3,968	R3,972
Massachusetts	R15,068	R11,974	R12,721	R9,554	R11,509	R11,783
Michigan	R29,269	R22,875	R20,419	R19,199	R18,894	R18,582
Minnesota	R9,740	R9,486	R7,486	R8,753	R7,051	R6,582
Mississippi	R9,696	R8,905	R8,427	R8,409	R8,777	R7,831
Missouri	R7,276	R6,010	R7,323	R3,400	R3,221	R4,991
Montana	R2,541	R2,232	R1,733	R1,554	R1,331	R1,398
Nebraska	R3,560	R3,326	R2,874	R5,952	R3,093	R6,141
Nevada	R4,995	R4,342	R4,718	R4,357	R4,692	R3,135
New Hampshire	357	274	336	290	293	278
New Jersey	R15,799	R14,228	R14,735	R11,389	R11,563	R17,928
New Mexico	R2,157	R2,072	R2,210	R2,506	R2,514	R2,166
New York	R27,155	R26,732	R26,539	R28,712	R30,648	R27,204
North Carolina	R7,664	R8,578	R8,600	R7,652	R7,821	R8,042
North Dakota	R1,178	R1,206	R1,450	R1,197	R1,216	R572
Ohio	R33,353	R29,746	R24,404	R22,608	R22,421	R22,232
Oklahoma	R11,008	R11,788	R10,874	R12,717	R12,423	R12,882
Oregon	R6,515	R8,039	R8,711	R8,622	R8,088	R8,040
Pennsylvania	R21,993	R20,298	R18,553	R18,152	R19,081	R18,139
Rhode Island	R4,322	R4,438	R3,915	R1,630	R2,214	R2,269
South Carolina	R6,668	R8,083	R7,710	R7,075	R7,941	R7,623
South Dakota	R672	R780	R413	R614	R746	R569
Tennessee	R12,263	R11,502	R11,410	R10,348	R10,032	R9,443
Texas	R194,019	R189,111	R181,821	R177,702	R198,331	R177,391
Utah	R3,617	R3,558	R3,066	R3,058	R3,012	R3,118
Vermont	228	403	384	370	310	321
Virginia	R12,253	R6,324	R5,997	R7,739	R6,934	R9,367
Washington	R8,181	R8,199	R10,328	R9,292	R9,192	R8,259
West Virginia	R3,832	R3,325	R3,250	R3,385	R3,425	R3,428
Wisconsin	R18,505	R14,483	R11,909	R10,467	R10,373	R9,349
Wyoming	R2,665	R3,195	R1,894	R2,213	R2,043	R1,860
Total	R843,204	R805,625	R792,947	R764,758	R824,688	R746,393

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 1999-2001

(Million Cubic Feet) — Continued

State	2000					
	June	May	April	March	February	January
Alabama	R15,106	R16,102	R17,256	R17,656	R17,427	R17,829
Alaska	R5,776	R4,811	R6,317	R6,678	R5,897	R6,614
Arizona	R2,094	R2,160	R1,674	R2,145	R2,071	R2,051
Arkansas	R9,509	R10,932	R11,415	R12,609	R12,473	R13,077
California	R120,151	R105,890	R82,450	R87,466	R86,593	R95,373
Colorado	R6,851	R6,248	R8,073	R7,903	R8,710	R8,523
Connecticut	R2,446	R2,173	R2,903	R3,635	R3,506	R3,745
Delaware	R2,688	R3,019	R3,310	R3,231	R2,904	R3,137
District of Columbia	0	0	0	0	0	0
Florida	R11,813	R12,549	R12,575	R12,876	R11,485	R12,618
Georgia	R14,742	R16,635	R14,499	R15,457	R14,917	R13,869
Hawaii	46	47	44	46	45	44
Idaho ^a	R2,489	R2,680	R2,785	R2,915	R2,950	R3,113
Illinois	R23,536	R24,763	R26,429	R30,980	R34,091	R36,154
Indiana	R23,076	R24,078	R24,995	R27,987	R29,535	R33,309
Iowa	R7,705	R7,035	R8,287	R9,107	R9,414	R9,983
Kansas	R8,995	R8,448	R8,169	R8,693	R8,369	R9,752
Kentucky	R7,205	R7,396	R9,076	R8,996	R10,737	R10,615
Louisiana	R61,460	R67,762	R63,826	R70,624	R71,589	R81,629
Maine	239	243	335	315	356	327
Maryland	R3,689	R3,743	R3,626	R4,039	R3,542	R3,801
Massachusetts	R11,262	R13,522	R13,043	R14,781	R17,424	R19,204
Michigan	R21,169	R24,921	R27,681	R30,915	R31,827	R32,212
Minnesota	R10,032	R5,151	R8,848	R8,845	R11,254	R10,724
Mississippi	R8,798	R9,344	R9,999	R10,367	R9,728	R11,481
Missouri	R5,045	R5,288	R5,635	R6,830	R7,315	R6,850
Montana	R1,686	R1,551	R2,242	R2,437	R2,781	R2,355
Nebraska	R3,832	R2,962	R3,371	R3,575	R3,671	R3,600
Nevada	R3,537	R4,306	R3,882	R2,913	R2,879	R2,816
New Hampshire	328	R426	R440	558	R418	R455
New Jersey	R15,755	R16,903	R18,329	R20,004	R20,154	R18,515
New Mexico	R2,065	R1,907	R2,009	R2,585	R1,831	R2,063
New York	R28,090	R28,214	R31,160	R35,707	R23,960	R24,082
North Carolina	R9,289	R9,202	R9,057	R10,457	R9,165	R9,888
North Dakota	R1,940	R1,000	R1,356	R1,231	R1,176	R1,272
Ohio	R23,054	R25,216	R28,307	R31,083	R33,615	R36,095
Oklahoma	R15,855	R15,012	R15,517	R14,532	R14,287	R17,025
Oregon	R8,062	R8,425	R9,638	R9,787	R9,771	R10,380
Pennsylvania	R18,980	R19,124	R21,954	R25,068	R22,469	R24,839
Rhode Island	R2,734	R3,484	R4,323	R4,214	R5,159	R7,691
South Carolina	R7,292	R9,028	R9,331	R9,733	R8,684	R8,514
South Dakota	R504	R345	R393	R413	R478	R474
Tennessee	R10,072	R10,168	R11,340	R10,459	R11,517	R10,994
Texas	R190,026	R191,809	R176,765	R149,697	R171,947	R166,833
Utah	R2,695	R2,709	R3,367	R3,680	R3,606	R3,892
Vermont	331	303	353	350	357	240
Virginia	R9,675	R7,348	R9,309	R7,455	R10,814	R7,315
Washington	R9,164	R9,610	R10,017	R10,784	R10,988	R12,218
West Virginia	R3,474	R3,671	R3,732	R4,070	R4,190	R4,638
Wisconsin	R9,861	R10,624	R13,387	R15,139	R16,780	R18,963
Wyoming	R2,369	R3,288	R3,897	R3,488	R4,499	R3,999
Total	R766,587	R771,574	R766,728	R784,515	R809,355	R835,190

^a Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components.

^R Revised Data.

^{NA} Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 18. Natural Gas Deliveries to Electric Utility^a Consumers, by State, 1999-2001
(Million Cubic Feet)

State	YTD 2001	YTD 2000	YTD 1999	2001		
				August	July	June
Alabama	39,625	25,648	16,913	8,257	7,771	6,482
Alaska	21,197	22,901	19,471	2,600	2,483	2,437
Arizona	82,217	55,015	33,151	9,536	10,766	10,322
Arkansas	NA	28,770	31,333	3,555	3,790	1,428
California	87,873	85,792	106,026	12,184	10,248	9,909
Colorado	31,232	20,131	14,117	4,255	4,738	4,241
Connecticut	0	0	8,395	0	0	0
Delaware	167	4,313	16,117	81	38	21
District of Columbia	0	0	0	0	0	0
Florida	197,766	232,821	203,627	37,384	36,268	31,497
Georgia	9,565	18,654	17,252	3,120	2,742	1,262
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	3,676	2,070	34,678	1,226	1,352	441
Indiana	5,029	3,666	6,793	1,496	749	630
Iowa	4,471	3,487	3,958	1,245	1,116	483
Kansas	19,905	26,055	30,996	5,398	7,576	2,043
Kentucky	3,065	2,866	4,449	1,056	841	351
Louisiana	165,242	208,618	232,514	35,190	30,144	20,017
Maine	0	0	0	0	0	0
Maryland	5	15,790	13,189	2	1	1
Massachusetts	1,248	2,547	6,457	554	198	125
Michigan	21,679	30,585	37,297	6,107	5,271	2,785
Minnesota	4,546	4,106	5,873	1,520	1,305	446
Mississippi	66,983	70,655	72,714	16,388	16,065	8,776
Missouri	22,038	23,795	16,703	6,224	6,128	2,764
Montana	141	153	250	47	61	19
Nebraska	3,535	3,876	4,029	731	1,246	441
Nevada	49,779	49,247	42,446	5,712	5,549	5,526
New Hampshire	21	783	254	20	0	0
New Jersey	1,113	16,738	25,974	471	166	252
New Mexico	28,786	29,307	24,266	4,265	4,905	4,229
New York	53,696	74,781	135,413	14,708	12,049	9,056
North Carolina	6,491	8,424	9,766	3,173	1,800	1,017
North Dakota	2	0	0	0	0	0
Ohio	4,877	5,587	9,606	1,267	1,267	589
Oklahoma	113,307	120,960	127,621	23,748	27,086	15,635
Oregon	31,586	23,249	10,279	4,246	4,228	4,264
Pennsylvania	2,370	2,289	8,650	654	593	373
Rhode Island	0	0	0	0	0	0
South Carolina	1,344	2,638	4,800	525	356	281
South Dakota	4,123	2,188	2,260	664	713	455
Tennessee	47	1,756	3,217	0	22	23
Texas	716,151	897,325	864,974	131,279	134,024	103,980
Utah	10,661	6,365	3,943	1,138	1,121	1,362
Vermont	104	651	151	2	3	3
Virginia	8,953	14,174	19,072	3,536	2,519	1,761
Washington	39,799	20,150	1,667	3,760	5,371	3,720
West Virginia	394	251	237	104	97	60
Wisconsin	9,330	8,837	11,472	2,328	1,841	943
Wyoming	1,942	895	127	186	228	162
Total	1,892,344	2,178,908	2,242,497	359,940	354,834	260,613

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Utility^a Consumers, by State, 1999-2001
(Million Cubic Feet) — Continued

State	2001					2000
	May	April	March	February	January	Total
Alabama	4,641	3,331	3,623	1,845	3,677	36,344
Alaska	2,265	2,433	2,962	2,844	3,173	35,570
Arizona	13,167	11,380	10,355	9,845	6,845	92,019
Arkansas	1,753	2,511	1,164	NA	1,668	34,603
California	10,925	11,287	10,539	10,510	12,271	129,449
Colorado	3,905	3,979	4,286	3,128	2,700	32,148
Connecticut	0	0	0	0	0	0
Delaware	5	5	5	6	7	4,337
District of Columbia	0	0	0	0	0	0
Florida	25,687	23,007	18,266	11,945	13,712	316,486
Georgia	1,154	1,138	91	36	22	21,447
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	312	74	81	93	97	2,764
Indiana	141	412	188	939	474	7,754
Iowa	545	362	323	173	225	4,735
Kansas	1,586	988	997	638	678	33,509
Kentucky	306	205	194	51	61	4,073
Louisiana	19,898	20,504	13,251	11,918	14,320	292,002
Maine	0	0	0	0	0	0
Maryland	1	0	0	0	0	20,665
Massachusetts	226	57	71	8	9	3,190
Michigan	1,061	638	1,739	1,565	2,512	43,548
Minnesota	418	282	253	131	192	5,411
Mississippi	8,837	8,249	3,489	1,703	3,476	89,110
Missouri	2,188	2,192	1,411	654	478	30,480
Montana	7	1	4	0	1	192
Nebraska	323	330	293	107	65	5,508
Nevada	6,724	5,595	7,607	5,726	7,338	80,037
New Hampshire	0	0	0	0	0	783
New Jersey	86	61	56	21	0	16,952
New Mexico	4,023	4,031	3,334	2,465	1,536	38,080
New York	5,225	4,271	3,062	2,923	2,404	95,812
North Carolina	315	152	27	0	7	9,579
North Dakota	1	0	0	0	0	0
Ohio	810	423	340	102	80	6,791
Oklahoma	11,818	10,440	9,542	6,291	8,748	169,031
Oregon	3,452	3,333	3,425	5,099	3,539	41,500
Pennsylvania	370	109	93	94	84	2,955
Rhode Island	0	0	0	0	0	0
South Carolina	94	47	10	8	23	2,814
South Dakota	654	633	599	302	104	3,607
Tennessee	0	0	2	0	0	1,829
Texas	93,384	79,731	61,306	52,505	59,942	1,245,008
Utah	1,503	1,489	1,380	1,389	1,278	10,544
Vermont	54	2	6	3	31	1,023
Virginia	644	331	78	22	62	15,923
Washington	5,798	5,787	5,674	5,604	4,084	41,173
West Virginia	62	21	18	16	16	425
Wisconsin	756	580	1,015	1,296	572	12,043
Wyoming	256	384	269	229	229	1,843
Total	235,381	210,784	171,432	142,626	156,734	3,043,094

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Utility^a Consumers, by State, 1999-2001
(Million Cubic Feet) — Continued

State	2000					
	December	November	October	September	August	July
Alabama	2,801	2,884	1,786	3,225	7,664	6,473
Alaska	3,503	3,192	3,101	2,874	2,819	2,797
Arizona	8,870	9,180	8,454	10,500	14,122	11,522
Arkansas	1,697	1,240	550	2,346	5,039	4,641
California	10,220	9,776	10,078	13,583	17,611	15,277
Colorado	3,568	2,727	2,651	3,071	4,115	3,577
Connecticut	0	0	0	0	0	0
Delaware	5	5	1	13	27	17
District of Columbia	0	0	0	0	0	0
Florida	14,992	17,873	23,037	27,763	32,193	32,272
Georgia	58	327	466	1,941	5,018	6,032
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	130	156	129	279	502	515
Indiana	1,986	282	627	1,193	988	689
Iowa	257	255	251	486	972	628
Kansas	1,239	1,227	1,321	3,667	8,932	6,020
Kentucky	519	359	194	133	464	307
Louisiana	17,809	17,447	20,551	27,576	40,290	34,861
Maine	0	0	0	0	0	0
Maryland	109	1,864	1,594	1,308	3,029	2,150
Massachusetts	23	201	247	171	508	281
Michigan	3,891	3,325	2,942	2,805	5,522	2,659
Minnesota	413	335	289	268	1,308	790
Mississippi	4,617	3,896	3,745	6,197	11,679	11,398
Missouri	1,161	650	1,405	3,470	8,384	4,583
Montana	25	8	0	5	55	32
Nebraska	316	319	410	586	1,519	926
Nevada	7,380	7,343	8,092	7,974	9,610	7,714
New Hampshire	0	0	0	0	0	0
New Jersey	54	26	34	100	2,619	2,689
New Mexico	1,757	1,601	2,414	3,002	4,929	4,589
New York	3,242	5,006	6,021	6,761	8,748	13,156
North Carolina	4	210	204	736	2,273	1,831
North Dakota	0	0	0	0	0	0
Ohio	250	323	291	340	1,231	603
Oklahoma	11,350	8,367	10,238	18,117	26,734	22,244
Oregon	5,761	4,121	4,316	4,053	4,417	4,793
Pennsylvania	79	193	207	187	382	214
Rhode Island	0	0	0	0	0	0
South Carolina	14	55	31	75	650	549
South Dakota	311	412	235	460	810	567
Tennessee	14	43	0	15	184	414
Texas	72,445	67,697	88,232	119,309	162,282	155,290
Utah	1,182	1,048	1,071	879	1,222	1,097
Vermont	18	116	127	112	160	130
Virginia	235	433	519	562	2,074	1,832
Washington	2,829	4,978	6,796	6,420	7,189	5,564
West Virginia	33	26	41	74	45	26
Wisconsin	1,436	658	426	686	1,787	1,221
Wyoming	239	135	360	213	238	287
Total	186,846	180,318	213,487	283,535	410,344	373,256

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Utility^a Consumers, by State, 1999-2001
(Million Cubic Feet) — Continued

State	2000					
	June	May	April	March	February	January
Alabama	4,484	3,825	1,449	246	450	1,055
Alaska	2,699	2,831	2,684	2,910	2,789	3,373
Arizona	8,958	6,904	3,983	2,687	3,149	3,690
Arkansas	3,986	3,902	3,267	3,830	3,395	710
California	13,724	9,877	5,473	8,114	7,523	8,193
Colorado	2,716	2,585	1,134	1,952	2,152	1,900
Connecticut	0	0	0	0	0	0
Delaware	1,126	1,307	487	317	383	649
District of Columbia	0	0	0	0	0	0
Florida	28,482	31,636	27,953	29,405	24,395	26,485
Georgia	3,627	3,448	242	154	67	66
Hawaii	0	0	0	0	0	0
Idaho	0	0	0	0	0	0
Illinois	264	359	162	58	55	155
Indiana	238	477	296	158	309	512
Iowa	326	581	241	220	237	281
Kansas	2,170	2,730	2,085	1,170	1,492	1,457
Kentucky	417	767	116	107	162	526
Louisiana	29,575	28,352	19,421	20,951	14,370	20,798
Maine	0	0	0	0	0	0
Maryland	4,187	2,603	1,972	1,068	261	520
Massachusetts	344	449	431	289	152	94
Michigan	4,210	4,754	3,254	2,589	3,468	4,129
Minnesota	613	440	268	200	182	306
Mississippi	9,777	10,434	6,032	5,957	6,211	9,167
Missouri	2,511	2,932	1,545	1,066	1,259	1,515
Montana	19	8	0	8	5	25
Nebraska	478	471	178	75	116	113
Nevada	7,471	5,848	4,805	4,730	3,875	5,195
New Hampshire	0	2	187	415	57	121
New Jersey	4,157	3,335	1,979	969	536	453
New Mexico	3,227	3,567	3,411	3,574	3,059	2,951
New York	11,315	10,633	9,099	9,217	6,988	5,625
North Carolina	2,505	1,613	27	37	55	84
North Dakota	0	0	0	0	0	0
Ohio	626	1,142	610	668	254	455
Oklahoma	14,828	16,392	14,196	10,753	6,837	8,976
Oregon	3,061	1,647	565	2,626	2,963	3,177
Pennsylvania	263	286	272	270	223	378
Rhode Island	0	0	0	0	0	0
South Carolina	720	573	69	27	15	35
South Dakota	421	210	27	57	15	82
Tennessee	235	485	9	18	118	293
Texas	124,190	135,107	93,453	87,318	66,364	73,321
Utah	1,258	851	669	607	308	352
Vermont	168	89	62	14	23	5
Virginia	1,682	1,928	1,503	1,958	1,336	1,860
Washington	5,106	1,619	111	2	97	461
West Virginia	61	14	24	33	32	15
Wisconsin	670	1,761	842	712	1,096	748
Wyoming	321	12	5	8	12	10
Total	307,218	308,787	214,599	207,545	166,842	190,316

^a Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

^{NA} Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia.
Source: Form EIA-759, "Monthly Power Plant Report."

Table 19. Natural Gas Deliveries to All Consumers, by State, 1999-2001
(Million Cubic Feet)

State	YTD 2001	YTD 2000	YTD 1999	2001		
				August	July	June
Alabama	209,782	205,048	201,387	24,895	23,738	22,360
Alaska	NA	101,145	96,931	NA	11,102	9,154
Arizona	149,806	117,843	97,944	14,271	16,407	15,827
Arkansas	NA	161,837	174,926	15,514	NA	NA
California	1,530,646	1,450,621	1,376,668	178,678	167,051	161,947
Colorado	251,388	195,587	190,890	17,409	18,540	19,785
Connecticut	NA	83,368	89,690	4,841	4,800	NA
Delaware	25,548	37,585	40,825	2,258	1,880	1,944
District of Columbia	23,527	23,358	23,845	941	1,253	1,293
Florida	328,802	372,935	333,825	52,340	52,296	46,364
Georgia	NA	255,150	224,847	23,651	21,619	18,989
Hawaii	1,930	1,910	1,831	227	242	244
Idaho	43,805	42,607	43,630	2,844	3,293	3,530
Illinois	631,161	626,023	658,515	40,969	42,284	39,081
Indiana	NA	369,434	375,325	NA	NA	NA
Iowa	NA	142,423	153,553	10,866	NA	10,825
Kansas	168,525	172,585	179,093	18,072	19,405	11,612
Kentucky	NA	131,376	132,678	NA	NA	8,276
Louisiana	NA	822,698	861,536	NA	NA	103,662
Maine	3,225	4,785	3,890	302	278	282
Maryland	122,945	138,290	133,744	8,585	7,439	8,081
Massachusetts	228,884	229,058	229,167	17,877	15,937	17,173
Michigan	601,805	605,165	609,315	37,946	38,563	41,455
Minnesota	213,022	210,157	215,458	14,003	12,706	12,851
Mississippi	NA	178,600	183,782	25,627	25,159	18,044
Missouri	206,488	187,401	187,637	15,374	15,429	12,509
Montana	37,116	36,847	37,121	2,148	2,355	2,434
Nebraska	83,688	81,313	85,986	6,284	8,468	5,368
Nevada	118,329	113,754	100,458	13,378	12,096	11,925
New Hampshire	13,412	14,872	14,170	589	548	680
New Jersey	393,147	414,166	436,141	24,993	25,359	24,611
New Mexico	92,026	85,226	81,831	7,995	13,077	9,579
New York	786,381	857,732	847,293	74,757	67,957	78,838
North Carolina	132,696	151,679	147,174	13,433	11,484	11,181
North Dakota	26,474	23,667	26,353	2,395	1,366	2,540
Ohio	585,178	562,961	566,656	30,175	34,386	35,873
Oklahoma	288,282	309,785	325,478	34,468	41,570	30,080
Oregon	NA	141,489	127,197	NA	16,359	17,361
Pennsylvania	NA	440,461	436,787	27,225	25,139	26,178
Rhode Island	60,415	54,845	58,260	6,980	6,205	6,007
South Carolina	86,847	104,905	104,428	9,187	9,382	8,202
South Dakota	NA	20,214	20,734	1,678	NA	1,690
Tennessee	175,712	165,615	180,903	12,956	12,921	12,991
Texas	2,298,670	2,567,730	2,298,191	342,915	298,246	252,888
Utah	88,404	82,249	84,785	5,884	6,106	6,982
Vermont	5,725	7,118	5,502	309	307	384
Virginia	NA	176,134	175,393	17,167	14,567	10,777
Washington	NA	183,224	160,804	NA	NA	27,223
West Virginia	NA	70,578	70,791	4,774	4,685	5,010
Wisconsin	NA	244,262	244,067	16,415	16,143	NA
Wyoming	35,671	40,297	38,525	3,013	3,001	3,344
Total	13,589,388	13,818,114	13,495,958	1,395,949	1,337,579	1,235,922

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 1999-2001

(Million Cubic Feet) — Continued

State	2001					2000
	May	April	March	February	January	Total
Alabama	22,484	24,207	27,845	28,297	35,955	^R 298,492
Alaska	10,251	11,177	13,156	12,312	13,587	^R 150,666
Arizona	19,759	19,016	21,528	23,136	19,862	^R 184,023
Arkansas	NA	NA	NA	NA	NA	^R 242,977
California	172,734	189,353	201,309	215,940	243,634	^R 2,247,921
Colorado	26,081	34,556	42,280	44,037	48,701	^R 299,653
Connecticut	5,996	9,977	13,985	14,262	17,311	^R 123,711
Delaware	1,985	3,403	4,378	4,653	5,046	^R 52,034
District of Columbia	1,713	3,327	4,377	4,815	5,808	^R 33,181
Florida	41,672	39,132	34,664	29,242	33,093	^R 519,190
Georgia	20,360	NA	36,829	34,546	49,766	^R 394,896
Hawaii	237	243	247	237	253	2,841
Idaho	4,306	5,648	6,749	8,519	8,916	^R 65,046
Illinois	46,939	62,502	116,688	131,858	150,840	^R 1,006,805
Indiana	NA	NA	NA	NA	74,920	^R 570,431
Iowa	12,907	17,579	27,117	29,847	33,445	^R 224,526
Kansas	11,196	17,395	26,818	27,907	36,120	^R 252,650
Kentucky	9,132	14,309	21,150	22,533	30,684	^R 208,207
Louisiana	106,573	118,049	117,503	110,494	120,008	^R 1,266,837
Maine	323	305	577	875	282	^R 7,733
Maryland	9,013	14,433	21,897	22,949	30,549	^R 206,716
Massachusetts	22,327	31,988	38,765	40,576	44,242	^R 332,910
Michigan	48,392	77,479	112,951	112,343	132,676	^R 893,256
Minnesota	15,177	24,580	39,246	46,046	48,412	^R 333,386
Mississippi	19,073	19,726	NA	16,116	25,837	^R 248,908
Missouri	13,352	22,808	34,281	40,720	52,015	^R 277,875
Montana	3,050	5,028	5,773	8,348	7,981	^R 57,642
Nebraska	6,985	10,895	13,509	15,234	16,945	^R 121,642
Nevada	12,539	12,358	17,758	18,423	19,852	^R 182,188
New Hampshire	1,293	1,936	2,640	2,874	2,852	^R 20,833
New Jersey	28,088	50,766	70,799	76,848	91,683	^R 590,675
New Mexico	10,186	11,874	11,069	14,377	13,868	^R 127,696
New York	79,561	98,645	122,491	128,504	135,629	^R 1,248,672
North Carolina	11,104	15,080	20,029	21,182	29,204	^R 221,998
North Dakota	2,622	3,826	3,576	5,277	4,871	^R 36,553
Ohio	43,281	70,286	108,585	117,646	144,947	^R 860,252
Oklahoma	29,245	32,878	37,973	40,030	42,038	^R 442,877
Oregon	15,774	18,202	20,853	24,926	21,583	^R 212,918
Pennsylvania	NA	NA	NA	80,369	97,252	^R 659,740
Rhode Island	6,970	7,140	10,152	7,850	9,111	^R 78,046
South Carolina	8,506	10,441	12,101	12,786	16,242	^R 151,660
South Dakota	2,433	3,339	4,634	4,871	4,383	^R 32,735
Tennessee	14,261	22,306	27,420	29,379	43,477	^R 252,528
Texas	280,942	259,096	280,561	274,619	309,403	^R 3,789,439
Utah	7,742	11,148	13,022	17,404	20,115	^R 136,975
Vermont	598	837	1,091	1,005	1,195	10,410
Virginia	11,849	NA	22,827	26,989	34,420	^R 262,316
Washington	26,323	29,428	32,064	34,661	33,009	^R 279,757
West Virginia	NA	9,707	11,351	12,602	15,195	^R 102,616
Wisconsin	NA	26,098	54,615	53,130	54,169	^R 388,053
Wyoming	3,674	4,892	5,065	5,914	6,770	^R 59,195
Total	1,346,489	1,622,822	2,048,635	2,137,352	2,464,639	^R20,772,291

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 1999-2001

(Million Cubic Feet) — Continued

State	2000					
	December	November	October	September	August	July
Alabama	R31,038	R23,174	R19,947	R19,282	R24,928	R22,919
Alaska	R14,583	R12,486	R12,435	R10,017	R13,630	R11,419
Arizona	R20,652	R16,546	R13,475	R15,434	R18,961	R16,692
Arkansas	R30,258	R21,372	R14,970	R14,540	R17,825	R15,704
California	R213,789	R199,735	R193,758	R185,511	R211,329	R186,972
Colorado	R43,946	R27,031	R18,474	R14,580	R15,112	R14,784
Connecticut	R16,169	R10,983	R7,576	R5,511	R5,897	R5,407
Delaware	R4,756	R3,498	R3,618	R2,575	R2,436	R2,686
District of Columbia	R4,731	R2,305	R1,507	R1,265	R1,214	R1,265
Florida	R31,473	R34,049	R38,263	R42,400	R47,990	R47,765
Georgia	R57,665	R35,432	R23,929	R22,194	R26,034	R26,924
Hawaii	232	240	233	227	221	235
Idaho	R8,180	R6,373	R4,313	R3,536	2,977	R3,306
Illinois	R171,913	R108,105	R56,387	R44,310	R42,649	R37,476
Indiana	R82,201	R50,503	R36,328	R31,916	R29,996	R28,257
Iowa	R34,772	R22,207	R13,815	R11,309	R10,787	R10,275
Kansas	R30,636	R18,769	R12,935	R17,723	R22,839	R19,469
Kentucky	R33,069	R21,263	R12,343	R10,156	R9,941	R9,334
Louisiana	R114,506	R109,244	R109,800	R110,576	R129,659	R99,697
Maine	1,196	841	552	359	R333	337
Maryland	R27,920	R18,923	R12,045	R9,458	R11,018	R10,141
Massachusetts	R40,276	R26,421	R21,068	R16,081	R16,923	R17,450
Michigan	R127,001	R73,045	R50,142	R37,873	R38,018	R34,443
Minnesota	R53,647	R35,138	R18,947	R15,490	R14,141	R13,169
Mississippi	R22,958	R16,325	R14,584	R16,441	R22,172	R20,998
Missouri	R42,473	R20,942	R15,856	R11,197	R16,044	R14,057
Montana	R8,171	R6,118	R3,874	R2,628	R2,135	R2,345
Nebraska	R15,978	R9,377	R6,389	R8,585	R6,341	R8,921
Nevada	R20,096	R17,345	R15,984	R14,958	R16,759	R13,683
New Hampshire	2,367	1,772	1,055	767	712	720
New Jersey	R75,867	R46,807	R32,204	R21,631	R32,981	R29,459
New Mexico	R14,308	R10,924	R8,677	R8,292	R9,570	R9,005
New York	R132,667	R98,801	R81,091	R77,438	R79,554	R79,670
North Carolina	R27,014	R18,720	R13,446	R11,135	R12,646	R12,409
North Dakota	R5,043	R3,462	R2,599	R1,775	R1,765	R1,054
Ohio	R133,197	R79,100	R48,850	R35,718	R35,410	R35,142
Oklahoma	R43,731	R29,160	R25,508	R34,279	R42,478	R38,642
Oregon	R22,380	R18,168	R16,028	R14,799	R14,319	R14,910
Pennsylvania	R92,446	R57,231	R39,111	R30,434	R29,550	R28,420
Rhode Island	R8,558	R6,700	R5,305	R2,614	R3,113	R3,194
South Carolina	R15,842	R11,945	R10,102	R8,863	R10,164	R9,786
South Dakota	R5,524	R3,633	R1,725	R1,638	R2,050	R1,665
Tennessee	R35,741	R21,139	R16,208	R13,816	R13,154	R12,848
Texas	R329,893	R287,491	R289,811	R314,512	R378,616	R350,608
Utah	R19,656	R17,305	R9,961	R7,660	R6,597	R6,662
Vermont	949	941	761	641	614	602
Virginia	R38,207	R21,492	R13,644	R12,776	R13,187	R15,277
Washington	R28,385	R25,312	R22,916	R19,808	R19,888	R17,899
West Virginia	R12,733	R7,738	R6,297	R5,269	R5,241	R5,147
Wisconsin	R63,197	R39,779	R23,483	R17,288	R17,559	R15,446
Wyoming	R6,348	R5,710	R3,629	R3,196	R2,873	R2,754
Total	R2,418,338	R1,761,121	R1,425,960	R1,340,476	R1,510,349	R1,387,450

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 1999-2001

(Million Cubic Feet) — Continued

State	2000					
	June	May	April	March	February	January
Alabama	R22,099	R23,619	R24,009	R24,998	R31,448	R31,028
Alaska	R10,105	R10,453	R12,324	R14,106	R13,183	R15,925
Arizona	R14,343	R12,869	R11,156	R12,468	R15,141	R16,214
Arkansas	R15,948	R18,046	R18,547	R24,709	R25,511	R25,547
California	R177,466	R164,187	R147,206	R182,967	R183,693	R196,802
Colorado	R16,184	R18,731	R26,080	R31,377	R35,091	R38,228
Connecticut	R5,951	R7,702	R9,834	R14,150	R18,144	R16,284
Delaware	R4,335	R5,333	R5,280	R5,176	R5,817	R6,522
District of Columbia	R1,468	R2,086	R2,989	R3,794	R5,401	R5,141
Florida	R44,616	R48,991	R45,817	R48,405	R43,134	R46,218
Georgia	R24,509	R28,691	R27,287	R31,768	R39,848	R50,090
Hawaii	242	243	235	245	243	246
Idaho	R3,676	R4,263	R5,612	R6,739	R7,438	R8,595
Illinois	R42,177	R49,016	R77,398	R96,165	R125,620	R155,522
Indiana	R29,621	R34,683	R44,881	R52,954	R69,087	R79,955
Iowa	R10,914	R12,708	R17,180	R21,418	R26,791	R32,350
Kansas	R14,367	R15,846	R18,994	R22,379	R27,702	R30,990
Kentucky	R9,897	R11,069	R15,834	R19,015	R24,847	R31,437
Louisiana	R94,409	R99,906	R89,078	R98,477	R96,966	R114,506
Maine	352	R399	695	779	839	1,052
Maryland	R12,730	R13,219	R16,827	R20,177	R26,365	R27,813
Massachusetts	R18,732	R25,347	R29,566	R36,232	R49,129	R35,679
Michigan	R41,984	R58,514	R80,227	R98,106	R122,261	R131,611
Minnesota	R16,924	R14,522	R26,275	R31,473	R41,536	R52,118
Mississippi	R20,381	R22,253	R19,458	R20,766	R24,137	R28,434
Missouri	R11,760	R16,199	R21,124	R28,145	R39,749	R40,322
Montana	R2,820	R3,265	R4,896	R6,251	R7,415	R7,720
Nebraska	R6,599	R6,385	R10,436	R12,651	R14,560	R15,421
Nevada	R13,848	R13,523	R12,718	R14,016	R13,161	R16,046
New Hampshire	946	R1,332	R1,966	2,940	R3,030	R3,226
New Jersey	R32,358	R37,330	R51,617	R66,069	R84,357	R79,995
New Mexico	R8,791	R8,332	R10,338	R12,614	R12,553	R14,023
New York	R83,009	R91,712	R112,760	R146,323	R135,176	R129,529
North Carolina	R15,174	R14,964	R16,501	R22,878	R29,589	R27,518
North Dakota	R2,622	R2,007	R3,132	R3,713	R4,374	R4,998
Ohio	R36,891	R48,434	R71,605	R91,214	R115,045	R129,219
Oklahoma	R34,038	R36,568	R38,242	R37,371	R39,263	R43,182
Oregon	R14,045	R14,204	R16,057	R20,936	R22,389	R24,628
Pennsylvania	R32,185	R36,891	R55,717	R71,030	R88,162	R98,507
Rhode Island	R3,990	R5,489	R7,439	R8,308	R10,759	R12,553
South Carolina	R9,766	R12,109	R12,975	R14,684	R18,357	R17,065
South Dakota	R1,587	R1,648	2,192	R3,147	R3,618	R4,307
Tennessee	R13,690	R15,657	R19,875	R21,822	R33,584	R34,983
Texas	R332,679	R348,352	R299,306	R270,747	R291,534	R295,888
Utah	R6,401	R6,610	R8,997	R14,968	R14,845	R17,168
Vermont	711	732	909	1,097	1,319	1,135
Virginia	R15,962	R15,706	R21,526	R24,520	R35,704	R34,253
Washington	R20,078	R19,214	R21,309	R25,798	R28,015	R31,024
West Virginia	R5,486	R7,222	R8,280	R10,969	R14,020	R14,213
Wisconsin	R15,586	R21,042	R31,757	R36,997	R46,629	R59,246
Wyoming	R3,419	R4,515	R6,021	R6,379	R7,308	R7,029
Total	R1,377,871	R1,492,137	R1,640,484	R1,894,431	R2,173,884	R2,341,507

^R Revised Data.

NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual total for commercial deliveries but not in the monthly components. See

Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Sources: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" and Form EIA-759, "Monthly Power Plant Report."

Table 20. Average City Gate Price, by State, 1999-2001

(Dollars per Thousand Cubic Feet)

State	YTD 2001	YTD 2000	YTD 1999	2001				
				August	July	June	May	April
Alabama	7.13	3.79	3.02	6.02	5.62	6.47	6.98	6.33
Alaska	2.39	1.60	1.30	2.22	1.91	2.68	2.23	2.20
Arizona	5.71	4.05	2.52	4.05	3.68	4.24	4.92	5.22
Arkansas	NA	3.34	2.85	NA	NA	NA	NA	NA
California	8.08	3.52	2.39	2.80	2.92	8.08	7.32	7.52
Colorado	4.99	2.92	2.07	3.04	3.14	3.21	3.94	5.21
Connecticut	NA	6.08	4.67	8.54	7.96	NA	8.87	9.97
Delaware	5.95	2.98	3.61	3.77	4.80	4.63	5.15	5.96
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.28	4.22	3.34	3.45	3.98	4.56	5.75	6.50
Georgia	NA	3.79	3.61	4.85	NA	6.43	5.77	NA
Hawaii	8.05	7.95	5.01	7.90	7.92	7.76	7.91	7.57
Idaho	5.25	2.91	1.90	3.12	3.60	4.20	6.00	5.24
Illinois	6.74	3.83	2.80	3.99	3.80	4.56	5.03	6.09
Indiana	NA	3.07	2.29	NA	NA	NA	NA	NA
Iowa	NA	3.93	3.04	4.26	NA	5.40	6.52	6.47
Kansas	7.16	3.71	2.73	4.12	4.17	4.84	6.45	6.59
Kentucky	NA	4.01	3.12	3.98	NA	6.45	7.18	5.53
Louisiana	NA	3.68	2.48	5.27	NA	4.60	5.64	6.06
Maine	NA	4.99	4.11	6.56	6.61	NA	11.90	5.84
Maryland	7.70	4.37	3.23	6.26	6.85	7.62	8.14	5.23
Massachusetts	7.37	4.72	3.52	6.69	7.38	6.73	5.78	6.40
Michigan	4.26	3.09	2.81	4.30	4.36	4.46	4.61	4.90
Minnesota	6.77	3.58	2.81	4.08	4.32	4.84	5.51	6.00
Mississippi	NA	3.57	2.68	5.95	4.32	4.68	5.43	6.33
Missouri	7.31	4.07	3.19	6.02	6.38	6.47	7.66	7.35
Montana	4.60	2.98	2.45	2.58	2.56	2.33	3.85	4.09
Nebraska	7.45	3.68	2.96	4.18	4.31	4.96	6.28	7.20
Nevada	NA	3.94	2.28	5.22	3.63	3.95	NA	6.54
New Hampshire	5.20	4.41	3.76	6.56	5.67	3.59	4.75	4.77
New Jersey	NA	4.98	4.30	NA	8.33	8.06	9.65	8.41
New Mexico	4.82	2.78	2.06	2.62	2.48	2.80	3.71	4.55
New York	NA	3.99	2.77	3.64	3.38	3.97	5.22	NA
North Carolina	8.17	4.38	3.14	5.55	5.96	6.07	7.25	7.20
North Dakota	NA	3.88	2.79	3.10	NA	2.93	4.76	5.64
Ohio	NA	5.71	4.92	7.63	NA	8.49	6.29	11.56
Oklahoma	7.15	3.41	2.72	5.01	4.92	5.85	6.61	5.95
Oregon	4.77	3.38	2.79	5.07	5.03	4.85	4.70	4.25
Pennsylvania	NA	4.37	3.55	6.11	6.58	6.75	7.41	NA
Rhode Island	7.74	3.52	3.90	8.15	7.28	9.96	9.90	8.79
South Carolina	7.39	4.33	3.32	5.01	5.39	5.83	6.94	6.87
South Dakota	NA	4.24	3.42	4.51	NA	3.01	7.30	7.50
Tennessee	6.81	3.77	2.82	4.04	4.10	4.91	5.55	5.99
Texas	NA	3.43	2.70	4.14	4.45	4.78	5.61	5.71
Utah	5.96	3.38	2.78	5.82	5.94	5.48	5.53	5.51
Vermont	5.90	3.78	2.94	5.17	5.72	5.85	6.08	6.11
Virginia	7.28	4.26	3.72	7.43	6.71	7.52	8.13	4.72
Washington	NA	3.21	2.43	4.44	NA	4.07	5.41	5.14
West Virginia	NA	3.64	3.55	4.21	4.53	NA	NA	5.98
Wisconsin	NA	3.64	2.95	5.04	5.17	NA	NA	6.41
Wyoming	7.22	4.31	3.38	6.82	5.26	3.85	6.38	6.91
Total	6.75	3.87	2.96	4.77	4.13	5.36	5.89	6.44

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 1999-2001

(Dollars per Thousand Cubic Feet) — Continued

State	2001			2000				
	March	February	January	Total	December	November	October	September
Alabama	6.90	8.60	7.12	^R 4.50	6.00	5.62	6.00	5.12
Alaska	2.55	2.53	2.44	1.60	1.61	1.62	1.62	1.60
Arizona	5.31	6.25	7.91	^R 4.82	7.07	5.51	5.36	4.95
Arkansas	NA	NA	NA	4.16	^R 5.64	^R 4.29	^R 5.80	^R 4.95
California	8.36	9.42	12.64	^R 4.32	7.30	5.09	5.17	4.98
Colorado	4.73	5.01	7.10	3.53	5.13	4.04	4.24	3.32
Connecticut	8.65	10.03	11.06	6.73	^R 8.32	7.06	7.30	^R 9.69
Delaware	6.10	7.33	8.30	3.41	4.19	5.44	4.49	2.74
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.30	6.18	10.21	^R 5.10	7.92	6.37	6.65	5.45
Georgia	6.65	8.05	8.90	^R 4.64	7.09	5.74	5.31	5.09
Hawaii	7.42	8.78	9.17	8.41	9.81	9.43	9.09	9.04
Idaho	4.10	4.69	6.94	^R 4.02	6.70	4.67	5.27	3.85
Illinois	5.19	6.89	10.53	5.01	7.83	5.33	6.39	6.05
Indiana	NA	NA	NA	^R 4.03	6.20	4.54	5.40	5.23
Iowa	6.06	8.01	9.35	5.06	7.38	^R 5.74	6.41	5.84
Kansas	5.92	8.32	10.13	^R 4.52	6.21	5.21	6.46	5.87
Kentucky	5.89	8.65	9.15	^R 4.93	6.75	5.79	6.14	5.18
Louisiana	NA	6.96	10.43	^R 4.61	^R 7.26	^R 5.39	^R 5.80	5.23
Maine	6.53	7.57	6.97	^R 5.30	5.98	4.41	^R 8.23	7.91
Maryland	6.51	6.85	10.03	5.36	^R 7.32	^R 5.87	7.62	6.25
Massachusetts	6.00	7.64	9.42	^R 5.43	^R 7.00	^R 5.69	^R 6.66	^R 7.37
Michigan	3.60	3.52	4.40	3.23	3.67	3.44	^R 3.47	3.32
Minnesota	5.51	7.28	9.37	^R 4.73	7.35	5.66	5.95	5.67
Mississippi	NA	6.44	9.68	^R 4.66	^R 7.47	5.50	5.73	^R 5.05
Missouri	5.60	7.07	8.73	^R 4.96	6.09	5.49	^R 7.03	7.18
Montana	5.03	5.31	7.34	^R 3.55	5.11	4.27	3.93	3.39
Nebraska	6.52	8.10	9.46	4.52	6.03	5.11	5.89	5.23
Nevada	5.53	5.64	6.71	^R 4.79	6.35	6.28	5.26	^R 4.39
New Hampshire	4.88	5.21	6.06	^R 5.34	^R 7.38	7.20	6.24	6.66
New Jersey	6.15	7.48	8.82	^R 5.34	^R 6.66	5.74	7.94	9.17
New Mexico	4.75	5.81	5.56	3.79	6.04	4.98	4.91	3.66
New York	5.37	6.47	8.99	^R 4.67	^R 7.13	^R 5.26	^R 6.37	^R 5.32
North Carolina	7.05	9.60	9.87	5.09	6.78	5.77	6.38	6.08
North Dakota	6.00	6.48	9.50	^R 4.60	6.20	5.41	5.81	4.66
Ohio	9.95	10.34	7.87	6.10	7.17	^R 5.64	7.58	6.74
Oklahoma	6.89	9.58	6.59	3.91	5.58	5.60	4.94	3.57
Oregon	4.45	4.67	5.26	^R 3.87	4.86	4.87	4.66	^R 3.70
Pennsylvania	NA	NA	NA	^R 5.09	^R 6.32	^R 5.62	6.40	^R 6.64
Rhode Island	8.49	5.95	7.40	^R 4.36	^R 6.70	4.47	7.15	5.65
South Carolina	6.34	7.88	10.46	5.09	^R 6.81	5.87	6.56	6.15
South Dakota	6.58	7.68	9.94	4.81	6.29	4.55	5.57	5.06
Tennessee	6.30	7.73	9.28	^R 4.72	^R 7.14	^R 5.64	^R 6.05	^R 5.09
Texas	NA	7.01	9.10	^R 4.39	^R 6.85	5.26	5.49	5.02
Utah	6.35	6.41	5.83	^R 3.68	4.26	^R 4.17	3.88	3.43
Vermont	6.08	5.99	5.68	4.26	5.21	5.34	5.11	4.39
Virginia	6.61	7.65	8.11	^R 5.34	^R 7.53	6.39	^R 5.82	7.29
Washington	5.13	6.48	9.87	^R 4.16	^R 8.10	^R 4.71	^R 4.35	3.67
West Virginia	NA	4.26	4.25	^R 3.75	^R 3.76	^R 4.01	^R 5.48	2.86
Wisconsin	6.13	6.61	9.93	4.42	5.85	5.12	5.79	5.63
Wyoming	8.98	7.01	8.07	^R 5.07	7.97	^R 5.59	^R 5.50	4.51
Total	6.19	7.25	8.90	^R4.62	^R6.64	5.20	^R5.66	^R5.21

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 1999-2001

(Dollars per Thousand Cubic Feet) — Continued

State	2000							
	August	July	June	May	April	March	February	January
Alabama	5.22	5.50	5.70	4.20	^R 3.66	^R 3.65	^R 3.17	^R 3.09
Alaska	1.58	1.53	1.59	1.62	1.60	1.64	1.56	1.61
Arizona	4.81	5.66	5.21	3.84	3.54	3.05	^R 5.40	^R 2.67
Arkansas	^R 4.63	^R 4.69	^R 3.95	^R 3.40	^R 3.24	^R 2.94	^R 3.17	^R 2.91
California	^R 4.11	^R 4.77	4.42	3.44	3.40	2.90	2.88	2.59
Colorado	3.56	4.05	3.71	2.91	2.82	2.31	2.99	2.34
Connecticut	7.12	7.54	7.99	6.62	5.67	5.59	6.00	5.40
Delaware	2.53	2.37	2.99	2.82	2.74	3.04	3.29	3.80
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.87	^R 5.31	^R 5.37	4.07	4.12	3.57	^R 3.70	3.86
Georgia	5.17	4.81	4.81	3.67	3.29	^R 3.48	^R 3.62	^R 3.33
Hawaii	8.69	8.17	8.46	8.84	8.05	6.96	7.40	7.14
Idaho	3.60	5.32	^R 4.09	^R 3.12	3.15	^R 2.65	^R 2.54	^R 2.54
Illinois	5.12	5.96	7.23	4.38	^R 3.46	3.30	3.13	2.93
Indiana	^R 3.48	^R 4.87	4.60	^R 3.09	^R 2.92	^R 2.68	^R 2.85	^R 2.62
Iowa	5.45	6.39	5.45	7.00	3.72	3.75	3.47	^R 3.05
Kansas	4.91	5.57	4.82	^R 3.80	3.44	^R 3.49	^R 3.26	^R 3.03
Kentucky	5.17	5.11	^R 4.90	4.94	3.55	3.90	3.88	^R 3.68
Louisiana	^R 4.31	^R 4.81	4.84	^R 3.51	^R 3.57	^R 3.23	^R 3.20	^R 2.88
Maine	8.06	10.85	7.08	4.17	5.01	6.13	^R 3.21	4.08
Maryland	6.70	8.23	8.46	^R 6.74	^R 4.48	^R 4.20	^R 3.95	3.53
Massachusetts	^R 7.37	^R 8.19	^R 8.29	^R 5.85	^R 4.46	^R 4.20	4.69	^R 3.14
Michigan	3.33	3.33	3.02	3.00	3.06	2.90	3.01	3.11
Minnesota	4.92	5.64	5.22	3.64	3.33	3.63	^R 3.22	^R 2.98
Mississippi	^R 4.61	^R 5.08	3.61	3.96	^R 3.08	3.50	3.32	3.10
Missouri	6.89	^R 7.18	7.33	^R 5.66	4.33	3.68	3.40	3.07
Montana	2.86	3.50	3.25	2.90	^R 2.95	3.02	3.05	2.72
Nebraska	4.59	5.54	5.11	3.73	3.69	3.36	3.54	2.97
Nevada	4.09	5.77	5.24	4.39	4.01	3.55	^R 3.72	^R 3.28
New Hampshire	6.42	6.92	^R 5.45	^R 4.02	4.16	4.65	3.91	^R 4.00
New Jersey	^R 6.79	9.01	^R 11.44	6.02	4.91	4.12	3.70	3.89
New Mexico	3.16	3.78	3.77	2.96	2.70	2.50	2.36	2.50
New York	^R 4.58	^R 5.37	^R 4.70	^R 4.00	^R 3.84	^R 3.50	^R 3.52	^R 3.44
North Carolina	5.21	5.99	^R 6.43	4.47	4.05	3.83	3.99	3.57
North Dakota	4.55	8.28	4.78	4.12	3.59	3.66	^R 3.55	^R 3.27
Ohio	7.86	8.41	^R 6.01	7.94	^R 5.96	6.73	4.85	4.98
Oklahoma	4.48	4.14	3.19	3.36	2.88	3.01	2.66	^R 6.61
Oregon	^R 4.17	^R 4.69	^R 4.14	^R 3.58	^R 3.54	^R 3.05	3.14	2.97
Pennsylvania	5.43	^R 7.85	^R 7.13	6.08	^R 4.00	^R 4.37	^R 3.64	3.44
Rhode Island	5.60	5.36	4.87	3.74	2.92	3.17	3.30	3.45
South Carolina	5.47	5.93	5.73	4.55	4.14	3.84	3.84	3.60
South Dakota	5.66	6.92	6.39	7.12	4.09	3.83	4.04	3.26
Tennessee	^R 4.12	^R 5.25	^R 5.00	^R 3.94	^R 4.26	^R 3.08	^R 3.52	^R 3.32
Texas	^R 4.31	^R 4.53	^R 4.43	^R 3.15	^R 3.21	2.87	^R 2.96	^R 2.94
Utah	3.74	3.15	3.14	2.73	3.09	3.68	3.44	3.45
Vermont	4.49	4.08	4.05	4.10	3.71	3.80	3.56	3.46
Virginia	6.87	7.40	^R 6.75	^R 7.28	^R 3.51	^R 3.93	^R 3.98	^R 3.55
Washington	3.76	4.96	^R 4.83	3.22	^R 3.47	^R 2.86	^R 2.82	2.75
West Virginia	^R 7.10	4.97	^R 4.06	3.06	3.26	^R 3.55	^R 3.63	^R 3.37
Wisconsin	5.04	5.88	5.67	4.20	3.41	3.44	3.20	2.94
Wyoming	4.34	4.88	^R 4.69	4.04	4.05	4.09	^R 4.31	^R 4.40
Total	^R4.63	^R5.20	^R5.19	4.15	^R3.72	3.54	^R3.48	^R3.27

^R Revised Data.^{NA} Not Available.

— Not Applicable.

Notes: Geographic coverage is the 50 States and the District of Columbia. Prices in this table represent the average price of natural gas by State at the

point where the gas transferred from a pipeline to a local distribution company within the State. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1999-2001

(Dollars per Thousand Cubic Feet)

State	YTD 2001	YTD 2000	YTD 1999	2001				
				August	July	June	May	April
Alabama	11.97	8.54	8.07	16.04	16.16	15.87	14.65	12.08
Alaska	4.29	3.53	3.68	4.74	4.91	4.63	4.36	4.16
Arizona	10.16	9.19	8.87	15.18	14.63	13.55	11.69	10.47
Arkansas	NA	6.91	6.76	NA	NA	NA	NA	NA
California	12.08	7.34	6.52	8.15	8.63	11.25	11.58	11.89
Colorado	8.99	5.61	5.22	13.57	12.64	11.39	10.05	9.52
Connecticut	NA	11.01	10.34	13.93	14.95	NA	12.28	13.10
Delaware	10.75	7.90	8.51	15.77	14.33	13.67	12.36	11.14
District of Columbia	13.43	9.66	8.30	11.24	11.58	11.55	14.96	13.62
Florida	16.09	12.17	11.28	17.46	17.51	17.57	18.95	18.02
Georgia	NA	7.04	4.01	10.99	14.94	11.03	10.81	NA
Hawaii	22.32	21.28	18.56	22.52	22.14	21.99	22.11	21.71
Idaho	8.21	5.75	5.26	10.29	9.85	9.39	8.93	8.76
Illinois	10.74	6.20	5.18	9.39	9.41	10.33	10.35	9.28
Indiana	NA	6.03	6.04	NA	NA	NA	NA	NA
Iowa	NA	6.86	5.84	11.55	NA	11.16	10.43	9.34
Kansas	10.39	6.83	5.74	13.68	12.90	12.50	11.74	9.76
Kentucky	NA	6.41	5.49	13.10	NA	15.16	13.35	10.87
Louisiana	NA	6.91	6.36	NA	NA	9.36	9.42	8.69
Maine	12.42	9.03	7.66	16.90	17.96	17.07	10.45	15.54
Maryland	12.17	9.13	8.12	14.68	7.31	14.63	14.37	12.68
Massachusetts	13.29	9.32	9.68	16.03	14.99	14.09	14.29	14.39
Michigan	5.44	5.09	5.08	8.83	8.59	7.69	7.17	5.40
Minnesota	9.97	6.16	5.37	8.72	8.82	8.76	9.30	8.67
Mississippi	NA	6.78	5.70	12.08	11.37	11.54	10.80	10.60
Missouri	10.73	6.95	6.12	15.88	15.24	14.17	12.87	11.19
Montana	7.25	5.83	5.06	8.83	8.81	8.10	7.67	7.40
Nebraska	9.00	5.70	4.79	9.66	9.17	8.97	9.20	8.08
Nevada	8.55	6.62	7.19	11.20	11.28	10.02	9.36	8.95
New Hampshire	12.39	9.23	7.30	15.93	16.39	14.83	10.90	11.76
New Jersey	7.39	7.53	7.40	9.25	8.60	8.40	8.13	7.76
New Mexico	10.22	6.00	5.33	9.94	8.96	10.88	12.47	13.43
New York	12.16	9.67	8.90	14.82	14.83	14.28	13.43	11.32
North Carolina	12.73	8.88	7.97	17.13	16.67	14.85	14.09	12.58
North Dakota	8.99	5.55	5.08	7.03	9.18	9.91	9.24	8.25
Ohio	10.58	6.75	6.07	10.18	13.49	12.36	11.71	10.89
Oklahoma	8.96	6.74	5.52	12.32	12.62	12.23	11.37	9.61
Oregon	9.25	7.68	7.07	11.21	10.79	10.18	9.49	9.25
Pennsylvania	NA	8.01	8.27	16.83	16.40	15.22	NA	NA
Rhode Island	11.95	9.12	9.33	14.94	14.68	13.70	12.49	11.98
South Carolina	12.89	8.55	8.33	13.95	13.81	13.40	12.35	12.17
South Dakota	NA	6.56	5.54	9.15	NA	NA	9.26	9.28
Tennessee	10.85	6.77	6.19	12.00	11.55	11.78	11.16	9.89
Texas	9.90	6.66	5.80	6.03	10.79	12.04	10.70	9.49
Utah	8.55	6.26	5.28	9.34	9.36	8.82	9.59	7.97
Vermont	9.68	7.74	6.96	14.14	12.58	11.56	10.39	9.46
Virginia	12.69	9.72	8.38	17.30	17.33	16.41	15.51	12.15
Washington	NA	6.64	5.82	NA	NA	10.72	10.33	10.09
West Virginia	NA	7.41	7.36	9.95	12.92	12.14	NA	7.32
Wisconsin	NA	6.60	6.11	9.17	7.72	NA	NA	9.58
Wyoming	9.15	5.45	5.05	11.12	12.25	10.03	11.79	6.15
Total	10.26	7.20	6.54	10.70	11.00	11.51	11.04	10.10

See footnotes at end of table.

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1999-2001

(Dollars per Thousand Cubic Feet) — Continued

State	2001			2000				
	March	February	January	Total	December	November	October	September
Alabama	12.53	12.05	10.12	^R 9.22	^R 9.74	^R 11.85	^R 12.02	^R 13.33
Alaska	4.19	4.17	4.11	3.57	3.90	3.41	3.52	3.74
Arizona	9.47	9.21	9.10	^R 9.43	^R 8.88	^R 9.93	^R 12.88	^R 13.40
Arkansas	NA	NA	NA	^R 7.43	^R 7.87	^R 7.65	^R 10.37	^R 9.65
California	13.73	13.72	12.07	^R 8.21	^R 10.48	^R 9.54	^R 9.89	^R 8.84
Colorado	9.03	8.60	7.15	^R 6.14	^R 6.71	^R 7.25	^R 7.53	^R 9.36
Connecticut	12.21	13.51	13.09	^R 11.43	^R 11.96	^R 12.13	^R 12.80	^R 13.48
Delaware	10.78	10.31	9.27	^R 8.33	8.52	9.65	12.24	13.83
District of Columbia	13.11	13.64	13.79	^R 10.81	^R 13.31	^R 13.85	^R 14.65	^R 15.19
Florida	19.04	15.60	12.63	^R 12.93	^R 13.43	^R 15.48	^R 15.76	^R 16.14
Georgia	9.44	11.55	10.46	^R 8.38	^R 10.22	^R 11.14	^R 10.38	^R 12.95
Hawaii	22.10	22.81	23.21	21.87	23.59	22.88	23.24	22.96
Idaho	8.53	7.96	7.15	^R 6.28	^R 7.04	^R 7.28	^R 7.58	^R 7.84
Illinois	9.62	11.33	11.86	^R 7.33	^R 8.74	^R 8.70	^R 10.12	^R 10.53
Indiana	NA	NA	NA	^R 6.42	^R 6.94	^R 6.59	^R 8.31	^R 8.57
Iowa	8.48	9.76	11.16	^R 7.81	^R 9.49	^R 8.03	^R 9.91	^R 12.73
Kansas	9.19	10.00	10.84	^R 7.64	^R 8.84	^R 9.07	^R 10.57	^R 10.90
Kentucky	9.95	10.89	9.18	^R 7.41	^R 8.48	^R 8.77	^R 9.34	^R 10.41
Louisiana	9.36	11.02	11.83	^R 8.34	^R 10.80	^R 10.36	^R 12.48	^R 11.03
Maine	11.39	11.75	11.29	^R 9.71	10.85	10.46	11.19	12.46
Maryland	10.82	12.85	11.94	^R 9.78	^R 10.06	^R 10.49	^R 13.23	^R 15.75
Massachusetts	14.17	12.84	11.24	^R 9.91	^R 11.46	^R 11.08	^R 10.83	^R 12.18
Michigan	4.93	4.92	4.87	^R 5.11	^R 4.76	^R 5.11	^R 5.70	^R 6.78
Minnesota	8.73	9.39	12.62	^R 7.13	^R 8.86	^R 7.84	^R 9.12	^R 9.41
Mississippi	NA	8.74	11.78	^R 7.48	^R 8.35	^R 8.90	^R 10.30	^R 10.66
Missouri	10.76	10.93	9.01	^R 7.85	^R 9.17	^R 9.31	^R 10.73	^R 12.72
Montana	7.40	6.99	6.60	^R 6.04	^R 6.33	^R 6.20	^R 6.36	^R 7.21
Nebraska	8.25	10.31	8.72	6.45	7.54	7.88	9.07	9.83
Nevada	8.47	8.31	7.11	6.63	6.29	6.33	7.47	7.98
New Hampshire	13.02	12.07	11.71	^R 10.07	^R 12.13	^R 12.68	^R 10.99	^R 12.55
New Jersey	7.35	6.96	6.93	^R 7.28	^R 6.98	^R 6.74	^R 6.24	^R 6.54
New Mexico	13.44	9.34	8.25	^R 6.10	^R 6.80	^R 5.78	^R 5.54	^R 6.61
New York	10.99	12.04	12.24	^R 9.86	^R 9.02	^R 10.16	^R 12.15	^R 15.05
North Carolina	12.56	13.28	11.52	^R 9.53	^R 9.97	^R 10.90	^R 12.63	^R 15.24
North Dakota	8.32	9.17	9.74	^R 6.37	^R 7.85	^R 7.70	^R 8.00	^R 8.80
Ohio	10.87	11.02	9.31	^R 7.70	^R 9.41	^R 9.40	^R 9.38	^R 10.57
Oklahoma	8.70	9.09	7.23	^R 7.36	^R 7.77	^R 8.89	^R 10.27	^R 11.33
Oregon	9.09	8.94	8.78	^R 8.12	^R 8.90	^R 9.16	^R 9.40	^R 9.41
Pennsylvania	11.20	11.23	10.09	^R 8.49	9.21	^R 9.19	^R 10.08	^R 10.64
Rhode Island	11.60	11.55	11.34	^R 9.83	^R 10.98	^R 13.26	^R 11.90	^R 12.04
South Carolina	12.38	13.41	12.92	^R 9.15	^R 10.09	^R 10.96	^R 10.34	^R 11.46
South Dakota	8.30	10.40	11.20	^R 7.34	8.62	7.72	9.11	11.03
Tennessee	8.51	14.43	10.15	^R 7.48	^R 8.35	^R 9.54	^R 9.36	^R 10.33
Texas	8.85	9.08	11.21	^R 7.41	^R 8.05	^R 8.57	^R 10.70	^R 11.41
Utah	8.82	8.44	8.26	^R 6.20	^R 6.29	^R 6.12	^R 6.00	^R 5.75
Vermont	9.26	9.23	9.18	8.13	9.34	8.88	8.49	9.93
Virginia	11.27	12.73	12.15	^R 9.98	^R 10.04	^R 9.87	^R 11.96	^R 14.08
Washington	10.09	9.70	8.22	^R 7.16	^R 7.98	^R 8.20	^R 8.72	^R 9.31
West Virginia	NA	7.05	6.97	^R 7.46	^R 7.13	^R 7.61	^R 8.21	^R 10.11
Wisconsin	8.73	9.05	12.21	^R 7.55	^R 9.40	^R 8.48	^R 8.69	^R 8.51
Wyoming	13.00	8.91	7.54	^R 6.11	^R 7.85	^R 6.71	^R 6.73	^R 6.74
Total	9.86	10.32	10.04	^R7.76	^R8.56	^R8.58	^R9.44	^R10.10

See footnotes at end of table.

Table 21. Average Price of Natural Gas Delivered to Residential Consumers, by State, 1999-2001

(Dollars per Thousand Cubic Feet) — Continued

State	2000							
	August	July	June	May	April	March	February	January
Alabama	R13.39	R13.16	R12.16	R9.48	R9.03	R9.16	R7.18	R7.37
Alaska	3.88	4.20	3.86	3.66	3.45	3.53	3.36	3.34
Arizona	R13.80	R14.46	R12.17	R10.96	R9.04	R8.26	R8.90	R7.72
Arkansas	R10.77	R10.86	R10.18	R13.40	R6.50	R4.65	R6.48	R5.96
California	R8.75	R8.93	R8.38	R7.78	R7.20	R7.07	R7.01	R6.32
Colorado	R9.22	R8.07	R6.92	R6.05	R5.44	R5.23	R5.18	R5.04
Connecticut	R12.96	R13.66	R13.24	R11.15	R11.17	R10.67	R10.64	R10.62
Delaware	9.53	9.66	9.41	7.19	8.25	7.96	7.76	7.40
District of Columbia	R10.80	R10.49	R9.31	R10.70	R10.06	R9.74	R9.42	R9.25
Florida	R15.96	R15.31	R14.55	R13.77	R12.88	R11.60	R10.31	R10.48
Georgia	R10.56	R9.09	R11.43	R6.84	R5.91	R7.84	R6.74	R6.18
Hawaii	22.67	22.09	22.20	22.11	20.93	20.37	20.31	19.99
Idaho	R8.18	R7.22	R6.21	R5.99	R5.73	R5.59	R5.53	5.45
Illinois	R10.81	R11.16	R9.85	R8.58	R6.22	R5.70	R5.31	R5.11
Indiana	R9.97	R9.50	R9.02	R7.76	R6.09	R5.88	R5.67	R4.96
Iowa	R13.25	R12.04	R12.99	R12.02	R6.86	R6.22	R5.69	R5.24
Kansas	R12.20	R10.76	R9.91	R8.13	R6.89	R6.44	R6.07	R6.02
Kentucky	R10.56	R10.12	R9.56	R8.47	R6.71	R6.17	R6.00	R5.53
Louisiana	R10.98	R10.49	R10.59	R9.50	R6.47	R6.23	R5.80	R5.63
Maine	R12.87	12.32	10.98	10.45	8.96	9.30	8.10	7.87
Maryland	R15.09	R15.87	R14.15	R11.76	R9.21	R8.95	R7.88	R7.58
Massachusetts	R12.44	R11.20	R9.24	R9.30	R9.78	R9.38	R8.82	R8.88
Michigan	R7.29	R7.21	R6.62	R5.56	R5.05	R4.88	R4.73	R4.71
Minnesota	R9.09	R9.61	R8.91	R7.02	R6.09	R5.84	R5.73	R5.39
Mississippi	R10.44	R10.08	R10.33	R5.96	R7.92	R6.97	R5.75	R5.91
Missouri	R12.38	R11.65	R10.77	R8.43	R6.98	R6.40	R6.13	R6.22
Montana	R9.06	R8.21	R7.28	R6.50	R5.72	R5.50	R5.34	R5.31
Nebraska	10.24	9.85	8.46	6.95	5.72	5.38	5.06	4.76
Nevada	R8.41	8.11	7.67	7.18	6.79	6.25	6.25	6.07
New Hampshire	R12.90	R12.49	R9.26	R8.23	R7.94	R9.60	R9.23	R9.06
New Jersey	R6.37	R9.58	R9.20	R7.65	R7.62	R7.62	R7.20	R7.33
New Mexico	R7.96	R9.62	R4.73	R9.25	R5.05	R6.09	R5.31	R5.76
New York	R14.68	R14.81	R13.30	R11.66	R9.82	R9.55	R8.49	R7.97
North Carolina	R15.29	R14.87	R12.59	R11.00	R8.51	R9.11	R7.62	R8.31
North Dakota	R10.32	R10.30	R7.67	R6.75	R5.43	R5.11	R4.79	R4.82
Ohio	R10.88	R9.90	R8.86	R7.42	R6.51	R6.41	R6.19	R6.28
Oklahoma	R11.59	R10.77	R10.22	R8.82	R6.53	R6.13	R5.79	R5.95
Oregon	R10.01	R9.38	R8.51	R8.00	R7.24	R7.54	R7.45	R7.39
Pennsylvania	R11.88	R11.38	R10.07	R9.05	R8.17	R7.80	R7.33	R7.27
Rhode Island	R12.05	R11.86	R10.55	R9.20	R9.38	R8.65	R8.51	R8.79
South Carolina	R11.79	R10.54	R9.94	R8.61	R8.43	R9.07	R8.00	R8.34
South Dakota	11.19	10.87	10.19	9.27	6.24	5.97	5.87	5.36
Tennessee	R10.88	R10.66	R9.41	R7.66	R8.28	R6.89	R5.86	R5.95
Texas	R11.31	R10.52	R10.76	R7.40	R7.02	R6.18	R5.54	R5.26
Utah	R6.76	R6.98	R6.98	R6.81	R6.35	R5.90	R6.15	R6.15
Vermont	10.09	9.89	8.89	8.11	7.71	7.45	7.33	7.42
Virginia	R14.04	R14.02	R12.16	R9.32	R8.15	R7.50	R6.89	R13.01
Washington	R8.93	R7.86	R7.04	R6.78	R6.55	R6.45	R6.41	R6.36
West Virginia	R10.81	R10.80	R9.55	R7.76	R7.46	R7.19	R6.98	R7.00
Wisconsin	R8.77	R9.17	R9.52	R6.56	R7.07	R6.46	R6.16	R5.96
Wyoming	R7.69	R7.61	R6.60	R5.69	R5.46	R5.12	R5.01	R5.05
Total	R10.37	R10.33	R9.50	R8.26	R7.19	R6.91	R6.54	R6.37

R Revised Data.

NA Not Available.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District

of Columbia. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 1999-2001

(Dollars per Thousand Cubic Feet)

State	YTD 2001	YTD 2000	YTD 1999	2001				
				August	July	June	May	April
Alabama	10.57	7.10	6.56	11.25	11.31	11.40	11.22	10.68
Alaska	2.52	2.02	2.21	2.15	2.29	2.16	2.36	2.45
Arizona	7.90	6.50	6.13	8.29	8.23	8.02	8.11	7.53
Arkansas	NA	4.70	5.18	6.73	NA	NA	NA	NA
California	10.97	6.73	5.98	6.45	7.06	9.31	10.40	11.17
Colorado	8.04	4.93	4.48	9.32	9.13	9.04	9.00	8.75
Connecticut	NA	6.41	6.42	7.00	6.87	NA	6.09	7.78
Delaware	9.45	6.48	6.91	11.25	10.98	10.64	10.81	10.10
District of Columbia	12.94	8.83	7.08	10.47	10.97	11.12	12.32	12.82
Florida	11.51	7.31	6.38	9.02	9.32	9.71	12.19	12.78
Georgia	NA	6.10	3.51	6.44	7.28	7.13	7.74	NA
Hawaii	17.54	16.88	13.70	17.54	17.24	17.17	17.22	16.78
Idaho	NA	4.97	4.65	8.48	8.29	8.25	8.21	8.17
Illinois	10.01	5.80	4.89	7.61	7.37	9.12	8.86	8.61
Indiana	NA	5.34	5.19	NA	NA	NA	NA	NA
Iowa	NA	5.66	4.56	6.80	NA	7.59	8.47	7.68
Kansas	9.61	6.03	4.94	8.33	8.39	9.61	10.13	8.66
Kentucky	NA	5.76	4.88	9.69	NA	NA	11.23	9.58
Louisiana	NA	5.99	5.43	NA	NA	6.57	7.32	7.58
Maine	11.27	7.42	6.85	12.19	13.39	12.71	7.90	13.48
Maryland	10.87	7.48	6.79	9.16	9.26	10.53	10.97	10.94
Massachusetts	12.17	8.23	7.66	11.03	11.52	11.64	12.59	12.54
Michigan	5.16	4.76	4.86	6.94	7.23	6.79	6.60	5.08
Minnesota	8.76	5.08	4.28	5.32	5.62	6.06	7.43	7.74
Mississippi	8.78	5.86	4.73	5.70	5.78	6.98	8.19	8.80
Missouri	10.15	6.07	5.37	10.94	10.90	10.85	10.20	10.46
Montana	6.71	5.66	5.01	7.89	8.04	7.72	7.87	7.52
Nebraska	7.97	4.70	4.02	5.26	5.22	6.13	6.92	7.22
Nevada	8.67	5.52	6.08	12.94	8.09	7.91	7.81	7.79
New Hampshire	11.54	7.85	6.61	12.43	12.87	12.03	9.76	11.34
New Jersey	8.29	4.92	3.78	6.74	6.11	6.33	7.05	7.05
New Mexico	7.47	4.54	3.96	5.18	5.55	4.54	7.70	9.45
New York	8.29	7.35	5.17	8.20	8.66	3.96	5.22	8.45
North Carolina	10.69	6.99	6.00	9.35	9.70	9.88	9.88	10.30
North Dakota	8.31	4.85	4.29	5.45	6.36	7.51	7.49	7.38
Ohio	10.04	6.14	5.46	8.42	11.71	11.04	11.26	10.58
Oklahoma	8.98	5.81	4.85	8.09	9.75	9.52	8.79	8.67
Oregon	5.52	6.50	5.51	2.36	2.34	2.62	7.51	7.70
Pennsylvania	NA	7.32	7.40	11.83	12.05	11.44	12.14	12.07
Rhode Island	NA	7.90	8.03	11.77	12.25	NA	10.82	10.44
South Carolina	10.80	7.08	6.45	8.72	9.23	9.04	9.65	10.11
South Dakota	NA	5.11	4.28	5.39	NA	6.90	7.20	7.66
Tennessee	9.95	6.07	5.49	9.02	8.43	9.22	9.04	8.80
Texas	7.99	5.06	4.33	3.84	5.81	6.29	8.34	7.29
Utah	7.09	4.64	3.94	7.13	7.05	6.90	6.87	6.54
Vermont	7.74	6.21	5.52	8.69	7.04	7.99	7.73	7.76
Virginia	NA	6.53	5.84	9.25	10.05	9.95	9.47	NA
Washington	NA	5.53	4.91	NA	NA	NA	9.04	9.04
West Virginia	NA	6.52	6.41	6.75	7.14	6.54	6.58	6.38
Wisconsin	NA	5.39	4.73	6.40	5.56	NA	NA	8.31
Wyoming	9.05	4.55	4.36	8.98	9.55	8.67	11.04	11.72
Total	8.74	5.98	5.23	6.60	6.91	6.82	8.39	8.83

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 1999-2001

(Dollars per Thousand Cubic Feet) — Continued

State	2001			2000				
	March	February	January	Total	December	November	October	September
Alabama	10.90	11.06	9.46	^R 7.68	^R 8.89	^R 9.40	^R 8.85	^R 8.63
Alaska	2.69	2.75	2.73	^R 2.04	^R 2.30	^R 2.10	^R 1.96	^R 1.91
Arizona	7.57	8.40	7.47	^R 6.69	^R 6.99	^R 7.88	^R 6.83	^R 6.72
Arkansas	NA	NA	NA	^R 5.41	^R 6.67	^R 5.67	^R 8.56	^R 5.86
California	13.70	13.76	11.91	^R 7.51	^R 10.41	^R 8.76	^R 8.52	^R 7.96
Colorado	8.21	7.94	6.78	^R 5.37	^R 6.23	^R 6.37	^R 5.93	^R 6.13
Connecticut	8.41	9.78	10.05	^R 6.62	^R 8.38	^R 7.14	^R 5.96	^R 4.51
Delaware	7.96	11.18	7.78	^R 6.98	^R 8.16	^R 7.42	^R 7.92	^R 18.75
District of Columbia	12.55	13.98	14.07	^R 9.62	^R 12.71	^R 12.72	^R 11.58	^R 10.93
Florida	14.08	12.98	10.02	^R 7.70	^R 9.19	^R 8.47	^R 8.11	^R 8.28
Georgia	9.77	11.36	10.90	^R 7.02	^R 9.67	^R 9.67	^R 9.64	^R 8.59
Hawaii	17.31	18.15	18.91	17.29	18.30	18.11	18.15	17.96
Idaho	7.81	NA	6.55	^R 5.47	^R 6.33	^R 6.60	^R 6.58	^R 6.36
Illinois	9.10	10.85	11.23	^R 6.90	^R 8.63	^R 8.42	^R 9.50	^R 9.06
Indiana	NA	NA	NA	^R 5.74	^R 6.53	^R 5.89	^R 6.80	^R 6.13
Iowa	7.57	8.69	9.11	^R 6.69	^R 8.93	^R 7.26	^R 7.76	^R 8.80
Kansas	8.83	9.88	10.56	^R 6.80	^R 8.49	^R 8.57	^R 8.69	^R 7.50
Kentucky	9.70	10.26	8.68	^R 6.68	^R 8.26	^R 7.83	^R 8.43	^R 7.82
Louisiana	NA	10.41	12.12	^R 7.41	^R 10.95	^R 10.54	^R 10.11	^R 8.01
Maine	10.67	10.89	—	^R 6.06	1.76	3.10	5.00	9.58
Maryland	9.92	12.29	10.99	^R 8.08	^R 8.59	^R 8.82	^R 10.92	^R 10.64
Massachusetts	13.99	12.33	10.51	^R 8.61	^R 10.53	^R 9.63	^R 9.03	^R 6.70
Michigan	4.85	4.80	4.83	^R 4.79	^R 4.68	^R 4.84	^R 5.23	^R 5.54
Minnesota	7.77	9.43	11.44	^R 5.99	^R 8.13	^R 6.83	^R 7.27	^R 6.64
Mississippi	7.92	8.32	11.65	^R 6.48	^R 8.05	^R 7.09	^R 7.74	^R 6.88
Missouri	10.77	10.62	9.05	^R 6.91	^R 9.00	^R 8.41	^R 8.35	^R 8.29
Montana	9.50	5.01	6.82	^R 5.90	^R 6.27	^R 6.22	^R 6.25	^R 6.74
Nebraska	7.79	9.86	8.41	^R 5.48	7.41	6.59	7.44	6.16
Nevada	7.62	7.65	9.88	^R 5.54	^R 5.50	^R 5.50	^R 5.72	5.82
New Hampshire	12.22	11.73	11.18	^R 8.52	10.78	10.37	8.75	9.08
New Jersey	7.18	9.69	9.68	^R 5.92	^R 9.43	^R 7.39	^R 7.35	^R 7.70
New Mexico	8.87	7.85	6.93	^R 4.90	^R 6.26	^R 5.30	^R 4.27	^R 4.69
New York	9.04	11.07	9.63	^R 7.76	^R 12.11	^R 8.73	^R 6.59	^R 6.72
North Carolina	11.48	11.71	10.43	^R 7.61	^R 8.75	^R 9.39	^R 8.83	^R 7.93
North Dakota	7.27	8.59	10.12	^R 5.80	^R 7.67	^R 6.99	^R 7.31	^R 6.77
Ohio	10.44	10.73	8.84	^R 7.01	^R 8.79	^R 8.70	^R 8.36	^R 8.63
Oklahoma	8.61	9.11	9.19	^R 6.37	^R 7.61	^R 7.67	^R 7.75	^R 7.23
Oregon	7.69	7.59	7.52	^R 6.48	^R 6.63	^R 6.64	^R 6.13	^R 5.57
Pennsylvania	NA	NA	NA	^R 7.72	^R 8.67	^R 8.27	^R 8.67	7.55
Rhode Island	10.36	10.42	10.35	^R 8.54	^R 10.32	^R 9.97	^R 10.72	^R 10.49
South Carolina	10.64	12.03	12.35	^R 7.72	^R 9.62	^R 9.27	^R 8.19	^R 7.85
South Dakota	7.20	9.25	10.81	6.05	7.96	6.96	7.22	7.76
Tennessee	8.88	12.47	9.89	^R 6.82	^R 8.65	^R 8.48	^R 8.16	^R 7.23
Texas	8.36	9.55	10.67	5.74	^R 7.36	^R 7.15	^R 7.39	^R 6.22
Utah	7.28	7.23	7.19	^R 4.93	^R 5.46	^R 5.44	^R 5.14	^R 4.63
Vermont	7.69	7.70	7.72	6.49	7.72	7.20	6.28	6.45
Virginia	9.34	10.99	10.85	^R 7.57	^R 9.82	^R 9.05	^R 9.03	^R 8.69
Washington	9.05	8.72	7.33	^R 6.01	^R 7.09	^R 7.11	^R 7.11	^R 7.07
West Virginia	NA	6.52	2.97	^R 6.58	^R 6.53	^R 6.71	^R 6.78	^R 7.24
Wisconsin	7.87	8.30	11.11	^R 6.32	^R 8.34	7.32	^R 7.16	^R 6.73
Wyoming	10.00	8.00	6.96	^R 5.27	^R 7.48	^R 6.17	^R 5.84	^R 5.25
Total	8.98	9.66	9.34	^R6.59	^R8.20	^R7.57	^R7.49	^R6.93

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 1999-2001

(Dollars per Thousand Cubic Feet) — Continued

State	2000							
	August	July	June	May	April	March	February	January
Alabama	^R 8.53	^R 8.63	^R 8.14	^R 7.04	^R 7.01	^R 7.31	^R 6.43	^R 6.72
Alaska	^R 1.85	^R 1.75	^R 2.01	^R 1.88	^R 1.95	^R 2.12	^R 2.11	^R 2.15
Arizona	^R 6.55	^R 6.93	^R 6.35	^R 6.37	^R 6.09	^R 6.02	^R 7.70	^R 5.93
Arkansas	^R 5.66	^R 6.32	^R 5.33	^R 7.71	^R 5.19	^R 3.24	^R 4.52	^R 4.04
California	^R 7.29	^R 7.57	^R 6.69	^R 7.04	^R 6.29	^R 6.68	^R 6.73	^R 6.20
Colorado	^R 6.08	^R 5.52	^R 5.14	^R 5.02	^R 4.87	^R 4.74	^R 4.81	^R 4.77
Connecticut	^R 3.97	^R 5.03	^R 6.21	^R 5.30	^R 7.07	^R 6.32	^R 6.88	^R 8.04
Delaware	^R 7.56	^R 7.33	^R 6.94	^R 6.90	^R 6.63	^R 6.45	^R 6.51	^R 5.73
District of Columbia	^R 9.01	^R 7.86	^R 7.92	^R 8.49	^R 8.90	^R 9.11	^R 9.34	^R 8.62
Florida	^R 8.25	^R 8.01	^R 7.68	^R 7.39	^R 7.14	^R 7.02	^R 6.89	^R 6.78
Georgia	^R 8.59	^R 8.22	^R 8.23	^R 2.45	^R 6.89	^R 6.82	^R 6.84	^R 7.07
Hawaii	17.48	17.41	17.66	17.59	16.71	16.09	16.12	16.02
Idaho	^R 6.24	^R 5.65	^R 5.02	^R 5.04	^R 5.05	^R 4.79	^R 4.81	^R 4.79
Illinois	^R 9.29	^R 9.92	^R 10.33	^R 7.59	^R 5.89	^R 5.38	^R 5.05	^R 4.92
Indiana	^R 7.00	^R 6.84	^R 6.30	^R 6.40	^R 5.18	^R 5.26	^R 5.12	^R 4.81
Iowa	^R 8.36	^R 7.84	^R 9.05	^R 9.70	^R 5.54	^R 5.23	^R 4.97	^R 4.62
Kansas	^R 8.17	^R 7.95	^R 7.36	^R 6.55	^R 5.94	^R 5.86	^R 5.55	^R 5.69
Kentucky	^R 8.36	^R 6.98	^R 6.79	^R 6.37	^R 5.69	^R 5.52	^R 5.44	^R 5.35
Louisiana	^R 7.84	^R 7.34	^R 8.07	^R 6.45	^R 5.24	^R 5.20	^R 5.29	^R 5.19
Maine	^R 9.95	9.06	8.08	^R 7.90	7.30	7.72	7.10	6.65
Maryland	^R 10.07	^R 9.26	^R 8.82	^R 7.35	^R 8.25	^R 7.42	^R 7.21	^R 6.49
Massachusetts	^R 8.83	^R 8.02	^R 6.84	^R 7.89	^R 8.35	^R 8.99	^R 7.97	^R 8.34
Michigan	^R 5.81	^R 5.93	^R 5.46	^R 4.93	^R 4.74	^R 4.63	^R 4.59	^R 4.60
Minnesota	^R 5.88	^R 6.63	^R 6.30	^R 5.19	^R 4.98	^R 4.92	^R 4.98	^R 4.63
Mississippi	^R 6.53	^R 6.73	^R 8.96	^R 5.65	^R 5.91	^R 5.65	^R 5.25	^R 5.19
Missouri	^R 8.23	^R 7.19	^R 6.88	^R 6.26	^R 6.11	^R 5.56	^R 5.85	^R 5.92
Montana	^R 7.82	^R 7.09	^R 6.97	^R 6.21	^R 5.61	^R 5.39	^R 5.19	^R 5.30
Nebraska	5.70	5.95	^R 5.56	4.73	4.64	4.65	4.56	4.19
Nevada	^R 5.87	^R 5.81	^R 5.67	^R 5.66	^R 5.51	^R 5.40	^R 5.45	^R 5.37
New Hampshire	8.87	9.16	7.53	^R 7.04	^R 6.84	8.29	8.05	^R 7.79
New Jersey	^R 1.94	^R 3.13	^R 6.51	^R 2.55	^R 6.44	^R 5.60	^R 5.67	^R 6.09
New Mexico	^R 5.64	^R 5.07	^R 3.66	^R 4.78	^R 7.77	^R 4.20	^R 4.13	^R 4.36
New York	^R 4.94	^R 4.80	^R 5.48	^R 6.72	^R 7.88	^R 6.65	^R 10.86	^R 10.53
North Carolina	^R 8.84	^R 7.81	^R 7.11	^R 6.70	^R 6.26	^R 7.46	^R 6.61	^R 6.90
North Dakota	^R 7.49	^R 7.45	^R 5.70	^R 5.35	^R 4.69	^R 4.56	^R 4.36	^R 4.46
Ohio	^R 8.94	^R 8.02	7.33	^R 6.60	^R 5.84	5.86	^R 5.83	^R 5.95
Oklahoma	^R 7.19	^R 7.09	^R 6.80	^R 6.15	^R 5.38	^R 5.56	^R 5.46	^R 5.70
Oregon	^R 5.62	^R 5.70	^R 5.42	^R 5.34	^R 5.32	^R 5.34	^R 5.39	^R 10.23
Pennsylvania	^R 8.99	8.43	^R 7.92	^R 7.86	7.50	^R 7.32	7.11	6.77
Rhode Island	^R 9.65	^R 9.59	^R 8.94	^R 8.36	^R 8.19	^R 7.91	^R 7.59	^R 7.13
South Carolina	^R 7.75	^R 7.00	^R 6.88	^R 6.45	^R 6.85	^R 7.38	^R 7.08	^R 7.18
South Dakota	7.69	7.00	7.18	6.97	4.77	4.64	4.68	4.36
Tennessee	^R 7.78	^R 7.89	^R 6.49	^R 6.10	^R 7.48	^R 6.48	^R 5.84	^R 4.94
Texas	^R 5.95	^R 5.85	^R 6.10	^R 4.78	^R 5.02	^R 4.54	^R 4.76	^R 4.57
Utah	^R 4.73	^R 4.42	^R 4.42	^R 4.39	^R 4.26	^R 4.65	^R 4.72	^R 4.84
Vermont	6.35	6.44	6.38	6.20	6.17	6.17	6.18	6.20
Virginia	^R 7.99	^R 8.53	^R 7.53	^R 6.41	^R 6.32	^R 6.19	^R 6.35	^R 6.13
Washington	^R 6.18	^R 5.59	^R 5.38	^R 5.35	^R 5.32	^R 5.41	^R 5.41	^R 5.83
West Virginia	^R 7.28	^R 7.26	^R 7.35	^R 6.68	^R 6.44	^R 6.52	^R 6.23	^R 6.38
Wisconsin	^R 6.28	^R 6.71	^R 6.52	^R 5.06	^R 5.91	^R 5.36	^R 5.11	^R 5.03
Wyoming	^R 5.64	^R 5.34	^R 5.06	^R 4.76	^R 4.85	^R 3.81	^R 4.57	^R 4.50
Total	^R6.09	^R6.56	^R6.49	^R5.98	^R6.04	^R5.78	^R5.96	^R5.78

^R Revised Data.

NA Not Available.

— Not Applicable.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to commercial consumers

reflect onsystem sales prices only. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 1999-2001

(Dollars per Thousand Cubic Feet)

State	YTD 2001	YTD 2000	YTD 1999	2001				
				August	July	June	May	April
Alabama	7.03	4.11	3.31	5.15	5.42	5.62	6.67	7.16
Alaska	NA	1.42	1.22	NA	1.53	1.49	1.52	1.51
Arizona	5.93	4.09	3.37	5.73	4.60	5.58	5.78	5.93
Arkansas	NA	4.94	3.30	5.40	4.28	NA	4.39	4.20
California	9.35	4.55	3.25	5.52	6.07	8.32	8.86	11.74
Colorado	4.42	3.29	2.82	4.44	4.48	4.12	4.07	4.02
Connecticut	7.45	5.31	4.01	4.48	3.03	6.10	7.02	8.05
Delaware	7.22	4.56	3.93	6.56	6.67	6.91	8.22	7.38
District of Columbia	—	—	—	—	—	—	—	—
Florida	7.61	5.33	3.55	5.85	6.79	6.41	8.02	8.40
Georgia	NA	4.40	3.11	4.59	5.03	5.31	6.06	NA
Hawaii	11.25	9.56	8.18	10.89	11.07	11.17	11.23	11.08
Idaho	6.04	3.66	3.25	6.90	6.66	6.37	6.59	6.89
Illinois	6.10	4.63	3.73	4.79	2.03	3.90	2.71	5.17
Indiana	NA	4.81	4.19	8.79	NA	8.72	9.74	9.41
Iowa	NA	4.46	3.56	5.39	NA	8.02	6.30	7.87
Kansas	5.39	3.87	2.81	4.49	4.77	5.15	6.04	7.03
Kentucky	NA	4.01	3.13	NA	NA	5.87	6.26	7.08
Louisiana	6.29	3.34	2.29	4.15	4.54	5.03	5.36	5.83
Maine	8.99	3.84	5.06	6.65	8.06	7.98	8.00	9.16
Maryland	NA	7.27	5.49	5.75	NA	10.20	10.66	11.71
Massachusetts	10.72	6.80	5.08	9.47	8.94	9.06	10.33	12.69
Michigan	4.54	3.73	3.82	5.11	5.19	5.63	5.62	4.30
Minnesota	6.09	3.72	2.74	3.74	3.81	4.32	5.57	6.24
Mississippi	6.48	4.00	3.07	4.36	4.81	4.58	6.05	6.08
Missouri	8.74	4.93	4.17	8.01	7.94	8.37	8.57	9.09
Montana	5.35	6.79	3.40	6.72	6.22	6.05	5.08	4.91
Nebraska	6.51	4.18	3.23	4.41	4.28	4.76	5.36	6.77
Nevada	NA	4.51	4.69	NA	6.93	7.41	7.39	6.86
New Hampshire	10.46	5.51	4.18	5.80	8.22	9.55	8.00	10.92
New Jersey	6.83	4.48	3.01	4.84	4.87	5.36	6.55	5.96
New Mexico	6.53	3.83	2.72	4.52	4.27	4.23	6.52	8.04
New York	8.47	5.39	3.62	5.46	6.04	5.73	6.79	7.98
North Carolina	7.31	4.81	3.37	5.24	5.48	5.25	5.87	6.80
North Dakota	6.44	3.46	2.60	3.82	3.68	4.50	5.47	5.83
Ohio	9.25	4.58	3.86	6.94	7.92	11.26	7.57	10.19
Oklahoma	8.16	4.77	3.43	6.82	9.11	8.18	7.97	7.90
Oregon	NA	4.67	3.95	NA	5.46	5.59	5.79	5.80
Pennsylvania	7.91	4.70	3.97	5.81	6.23	6.89	7.42	8.59
Rhode Island	6.97	4.46	4.14	5.89	5.22	5.70	7.11	7.24
South Carolina	6.38	4.42	3.14	4.33	4.50	5.11	6.30	6.61
South Dakota	6.83	3.60	3.18	5.09	5.19	5.84	5.89	5.66
Tennessee	7.50	4.71	3.61	5.81	5.94	6.37	6.81	7.04
Texas	4.99	3.35	2.38	3.28	3.46	3.91	4.79	5.37
Utah	5.52	3.43	2.90	4.99	4.89	4.42	5.14	5.52
Vermont	5.53	2.74	2.80	4.39	4.71	4.87	4.93	4.71
Virginia	7.29	4.82	3.71	4.10	5.01	4.89	5.61	6.14
Washington	NA	3.64	2.62	NA	NA	6.58	5.25	5.73
West Virginia	NA	4.17	2.87	3.70	3.87	NA	NA	6.36
Wisconsin	NA	4.52	3.90	4.59	4.55	NA	NA	7.75
Wyoming	7.38	3.78	3.32	8.01	8.06	7.52	7.92	7.65
Total	5.95	3.86	2.97	3.86	4.26	4.75	5.41	6.13

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 1999-2001

(Dollars per Thousand Cubic Feet) — Continued

State	2001			2000				
	March	February	January	Total	December	November	October	September
Alabama	6.75	8.73	9.81	^R 4.67	^R 6.64	^R 5.18	^R 5.66	^R 5.20
Alaska	1.55	1.55	1.56	^R 1.51	^R 2.24	^R 1.54	^R 1.49	^R 1.52
Arizona	5.97	6.74	8.07	^R 4.40	^R 5.97	^R 3.93	^R 5.14	^R 5.03
Arkansas	4.44	NA	5.30	^R 5.23	^R 5.15	^R 6.89	^R 4.71	^R 7.29
California	11.68	11.11	8.95	^R 5.30	^R 7.63	^R 6.66	^R 6.83	^R 6.21
Colorado	3.98	4.91	5.15	^R 3.49	^R 4.03	^R 4.06	^R 3.91	^R 3.62
Connecticut	8.18	11.55	9.87	^R 5.96	^R 9.11	^R 7.28	^R 6.88	^R 5.26
Delaware	11.56	4.62	7.39	^R 5.03	6.60	5.37	4.74	7.00
District of Columbia	—	—	—	—	—	—	—	—
Florida	8.16	7.85	8.13	^R 5.82	^R 7.08	^R 6.57	^R 7.70	^R 6.72
Georgia	7.80	9.75	10.30	^R 4.83	^R 6.27	^R 5.69	^R 5.80	^R 5.13
Hawaii	11.04	11.84	11.65	10.17	11.93	11.80	11.16	10.77
Idaho	6.35	5.56	4.87	^R 4.02	^R 5.54	^R 4.82	^R 4.73	^R 4.10
Illinois	7.02	9.57	10.59	^R 5.81	^R 8.23	^R 7.67	^R 7.56	^R 6.39
Indiana	12.41	8.09	8.85	^R 5.00	^R 5.25	^R 5.38	^R 6.05	^R 4.12
Iowa	9.41	8.36	9.46	^R 5.49	^R 7.88	^R 6.18	^R 6.43	^R 6.13
Kansas	7.49	10.27	8.66	^R 4.01	^R 6.59	^R 5.34	^R 5.16	3.74
Kentucky	7.76	8.16	8.35	^R 4.82	^R 7.47	^R 6.44	^R 6.02	^R 5.76
Louisiana	5.88	6.54	10.13	4.02	^R 6.30	^R 4.75	^R 5.31	^R 4.75
Maine	9.43	10.22	9.22	^R 4.10	^R 5.77	^R 5.10	^R 4.32	^R 4.27
Maryland	13.58	21.16	17.19	^R 7.86	^R 9.27	^R 8.36	^R 8.93	^R 8.50
Massachusetts	13.84	9.71	9.44	^R 7.47	^R 9.61	^R 8.75	^R 8.24	^R 7.79
Michigan	4.36	4.30	4.25	^R 3.87	^R 3.96	^R 4.40	^R 4.33	^R 4.27
Minnesota	6.02	6.78	11.91	^R 4.45	^R 6.65	^R 5.27	^R 5.79	^R 5.03
Mississippi	6.44	6.95	11.40	^R 4.66	^R 6.89	^R 5.40	^R 6.19	^R 5.28
Missouri	9.76	10.22	7.63	^R 5.71	^R 8.75	^R 7.25	^R 6.05	^R 4.31
Montana	5.01	6.10	4.75	^R 7.43	^R 8.27	^R 8.39	^R 8.89	^R 10.59
Nebraska	7.16	8.59	7.53	^R 4.74	^R 6.79	^R 5.68	^R 5.07	^R 5.44
Nevada	7.32	7.27	5.46	5.11	6.10	6.26	7.78	6.54
New Hampshire	12.66	11.42	11.24	^R 6.18	10.28	9.48	7.24	6.34
New Jersey	6.55	9.50	9.96	^R 5.15	^R 7.06	^R 8.18	^R 7.28	^R 5.67
New Mexico	6.95	7.37	3.72	^R 4.39	^R 5.56	^R 5.12	^R 4.81	^R 5.26
New York	8.66	10.27	14.24	^R 6.13	^R 11.94	^R 6.59	^R 6.41	^R 5.37
North Carolina	6.40	12.01	9.84	^R 5.31	^R 6.21	^R 10.70	^R 5.94	^R 5.26
North Dakota	5.81	7.08	9.82	^R 4.18	^R 6.15	^R 4.97	^R 5.72	^R 4.93
Ohio	10.29	11.06	7.83	^R 5.12	^R 6.37	^R 5.89	^R 6.11	^R 6.05
Oklahoma	7.89	7.90	8.85	^R 5.30	^R 6.87	^R 6.68	^R 5.82	^R 5.96
Oregon	5.86	5.93	6.21	^R 4.93	^R 6.01	^R 5.65	^R 5.52	^R 4.32
Pennsylvania	9.19	7.43	8.99	^R 5.03	^R 5.88	^R 6.04	^R 5.58	^R 4.85
Rhode Island	7.40	7.99	9.03	5.38	^R 9.16	^R 6.93	^R 6.83	^R 12.20
South Carolina	6.64	7.97	10.41	^R 4.93	^R 7.10	^R 5.66	^R 6.17	^R 5.67
South Dakota	6.42	8.75	7.91	^R 4.38	^R 6.61	^R 5.19	^R 5.30	^R 4.61
Tennessee	7.40	10.26	8.58	^R 5.08	^R 6.94	^R 5.42	^R 5.27	^R 5.36
Texas	5.34	6.31	9.14	^R 4.10	^R 6.76	^R 4.80	^R 5.17	^R 4.71
Utah	5.88	6.18	6.58	^R 3.93	^R 5.79	^R 4.93	^R 4.73	^R 4.09
Vermont	5.44	6.38	8.41	^R 2.99	^R 3.80	^R 3.67	^R 3.19	^R 3.22
Virginia	6.51	9.60	10.11	^R 5.23	^R 7.59	^R 6.63	^R 5.18	^R 4.85
Washington	3.76	6.71	7.42	^R 4.04	^R 7.96	^R 5.06	^R 3.78	^R 3.31
West Virginia	NA	6.69	8.68	^R 4.46	^R 4.85	^R 4.52	^R 6.09	^R 4.76
Wisconsin	7.04	7.61	11.36	^R 5.45	^R 7.68	^R 6.44	^R 6.39	^R 5.88
Wyoming	7.39	6.77	6.77	^R 4.07	^R 5.00	^R 4.70	^R 6.01	^R 3.58
Total	6.35	7.28	8.68	^R4.48	^R6.67	5.39	^R5.45	^R4.88

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 1999-2001

(Dollars per Thousand Cubic Feet) — Continued

State	2000							
	August	July	June	May	April	March	February	January
Alabama	^R 4.68	^R 4.93	^R 4.87	^R 3.81	^R 3.73	^R 3.92	^R 3.70	^R 3.73
Alaska	^R 1.53	^R 1.48	^R 1.44	^R 1.34	^R 1.43	^R 1.37	^R 1.35	^R 1.34
Arizona	^R 4.15	^R 4.54	^R 4.35	^R 3.86	^R 3.96	^R 3.41	^R 4.85	^R 3.26
Arkansas	^R 6.55	^R 6.42	^R 6.10	^R 4.55	^R 4.47	^R 4.52	^R 3.90	^R 4.57
California	^R 5.10	^R 5.23	^R 4.56	^R 4.62	^R 4.44	^R 4.40	4.45	^R 3.86
Colorado	^R 3.70	^R 3.81	^R 3.62	^R 3.17	^R 3.14	^R 2.96	^R 2.92	^R 2.87
Connecticut	^R 5.54	^R 5.51	^R 4.79	^R 5.05	^R 4.87	^R 5.45	^R 5.48	^R 5.32
Delaware	5.79	7.18	5.14	4.90	5.05	3.98	5.40	2.64
District of Columbia	—	—	—	—	—	—	—	—
Florida	^R 6.26	^R 6.05	^R 6.24	^R 5.68	^R 4.63	^R 5.21	^R 4.53	^R 4.24
Georgia	^R 4.64	^R 4.89	^R 4.73	^R 4.16	^R 4.15	^R 3.93	^R 4.27	^R 4.60
Hawaii	11.21	10.21	10.20	10.13	9.57	8.53	8.48	8.28
Idaho	^R 4.01	^R 4.53	^R 3.47	^R 3.49	^R 3.58	^R 3.47	^R 3.57	^R 3.59
Illinois	^R 6.05	^R 6.55	^R 5.20	^R 4.77	^R 4.30	^R 5.04	^R 3.75	^R 4.02
Indiana	^R 5.05	^R 4.56	^R 4.08	^R 5.43	^R 4.94	^R 4.98	^R 5.77	^R 4.04
Iowa	^R 5.41	^R 5.33	^R 3.62	^R 6.29	^R 4.36	^R 4.35	^R 3.98	^R 4.24
Kansas	3.97	4.10	3.81	3.32	3.85	3.56	4.02	3.61
Kentucky	^R 5.22	^R 4.65	^R 4.28	^R 3.91	^R 3.65	^R 3.50	^R 3.71	^R 3.76
Louisiana	^R 3.99	^R 4.42	^R 4.37	^R 3.14	^R 2.98	^R 2.74	^R 2.76	^R 2.57
Maine	^R 4.16	^R 4.13	^R 4.17	^R 4.46	^R 3.69	^R 3.95	^R 3.51	^R 3.13
Maryland	^R 8.95	^R 7.41	^R 7.45	^R 6.82	^R 6.74	^R 7.22	^R 8.05	^R 6.15
Massachusetts	^R 8.13	^R 6.76	^R 5.43	^R 6.38	^R 6.96	^R 6.84	^R 7.08	^R 6.87
Michigan	^R 4.05	^R 4.12	^R 4.29	^R 3.83	^R 3.75	^R 3.79	^R 3.49	^R 3.56
Minnesota	^R 4.21	^R 4.94	^R 4.68	^R 3.50	^R 3.43	^R 3.26	^R 3.28	^R 3.25
Mississippi	^R 4.59	^R 4.98	^R 4.74	^R 3.66	^R 3.73	^R 3.50	^R 3.54	^R 3.44
Missouri	^R 6.21	^R 5.43	^R 5.00	^R 4.86	^R 4.85	^R 4.53	^R 4.90	^R 4.75
Montana	^R 11.02	^R 9.85	^R 6.49	^R 7.68	^R 0.52	^R 7.30	^R 7.80	^R 7.61
Nebraska	^R 5.14	^R 5.24	^R 4.85	^R 3.83	^R 3.78	^R 3.89	^R 3.83	^R 3.64
Nevada	4.62	5.43	3.95	4.39	3.66	4.68	5.08	4.33
New Hampshire	5.55	6.06	5.61	^R 4.49	^R 5.45	4.05	^R 7.72	^R 7.02
New Jersey	^R 5.76	^R 5.56	^R 4.83	^R 4.19	^R 4.05	^R 3.78	^R 4.38	^R 4.39
New Mexico	^R 5.42	^R 5.07	^R 2.83	^R 3.57	^R 2.40	^R 2.90	^R 2.82	^R 3.65
New York	^R 5.73	^R 4.74	^R 4.85	^R 5.42	^R 5.09	^R 4.46	^R 6.30	^R 6.25
North Carolina	^R 8.81	^R 5.23	3.99	^R 3.64	^R 4.30	^R 4.83	^R 5.26	^R 5.25
North Dakota	^R 4.35	^R 4.65	^R 4.57	^R 5.20	^R 3.13	^R 3.00	^R 2.95	^R 2.84
Ohio	^R 6.62	^R 5.72	^R 4.14	^R 4.82	^R 3.91	^R 4.37	^R 4.57	^R 4.57
Oklahoma	^R 5.72	^R 5.26	^R 5.57	^R 4.03	^R 4.49	^R 4.50	^R 5.10	^R 4.35
Oregon	^R 5.43	^R 4.37	^R 4.30	^R 8.08	^R 4.32	^R 4.41	^R 4.25	^R 4.33
Pennsylvania	^R 4.81	^R 4.43	^R 4.41	^R 4.54	^R 4.40	^R 4.67	^R 4.95	^R 5.10
Rhode Island	^R 5.77	^R 7.04	^R 6.26	^R 4.91	^R 5.23	^R 5.78	^R 5.65	^R 4.22
South Carolina	^R 4.85	^R 5.18	^R 5.19	^R 4.13	^R 4.05	^R 3.99	^R 4.22	^R 4.08
South Dakota	^R 3.53	^R 4.27	^R 4.05	^R 3.85	^R 3.41	^R 3.54	^R 3.48	^R 3.39
Tennessee	^R 5.15	^R 5.50	^R 4.66	^R 4.31	^R 4.80	^R 4.49	^R 4.60	^R 4.49
Texas	^R 4.01	^R 4.40	^R 4.10	^R 3.15	^R 2.94	^R 2.65	^R 2.60	^R 2.43
Utah	^R 4.04	^R 3.16	^R 3.15	^R 3.30	^R 2.81	^R 3.59	^R 3.54	^R 3.60
Vermont	^R 2.93	^R 2.84	^R 2.91	^R 2.56	^R 2.56	^R 2.58	^R 2.82	^R 2.71
Virginia	^R 5.10	^R 4.84	^R 4.06	4.15	^R 4.77	^R 4.73	^R 4.80	^R 5.81
Washington	^R 2.72	^R 2.77	^R 3.01	^R 4.03	^R 3.96	^R 3.98	^R 5.05	^R 3.27
West Virginia	^R 4.08	^R 4.38	^R 4.26	^R 2.06	^R 4.82	^R 3.97	^R 4.45	^R 4.42
Wisconsin	^R 5.12	^R 5.67	^R 5.38	^R 3.91	^R 4.59	^R 4.26	^R 4.29	^R 4.20
Wyoming	^R 6.55	^R 3.52	^R 3.79	^R 3.57	^R 3.40	^R 3.32	^R 3.34	^R 3.33
Total	^R4.33	^R4.55	4.24	^R3.67	^R3.59	^R3.54	^R3.68	^R3.41

^R Revised Data.

NA Not Available.

— Not Applicable.

Notes: Data through 2000 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to industrial consumers

reflect onsystem sales prices only. See Appendix A, Explanatory Note 5 for discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 24. Average Price of Natural Gas Delivered to Electric Utility^a Consumers, by State, 1999-2001

(Dollars per Thousand Cubic Feet)

State	YTD 2001	YTD 2000	YTD 1999	2001				
				July	June	May	April	March
Alabama	5.55	4.53	2.83	3.55	5.21	5.08	5.88	6.26
Alaska	2.24	1.68	1.65	2.44	2.32	2.27	2.32	2.13
Arizona	5.35	3.99	2.46	3.55	3.94	4.46	5.35	5.69
Arkansas	5.43	3.75	2.40	3.53	4.16	5.24	6.68	5.49
California	10.74	4.02	2.63	8.55	8.26	10.64	10.04	10.33
Colorado	4.62	3.38	2.63	2.78	3.36	4.13	5.06	5.26
Connecticut	—	—	2.54	—	—	—	—	—
Delaware	5.45	4.82	2.71	4.16	4.76	—	7.55	6.94
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.06	3.97	2.90	4.53	4.81	5.93	6.35	5.59
Georgia	4.24	4.14	2.42	3.13	3.82	5.21	5.93	8.07
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	5.15	4.12	2.31	4.81	5.23	4.44	6.18	5.57
Indiana	6.26	4.13	2.86	4.56	4.67	5.85	6.05	6.80
Iowa	5.28	3.96	3.00	3.97	4.81	6.49	6.35	6.23
Kansas	4.20	3.49	2.21	3.26	3.89	4.51	5.33	5.78
Kentucky	5.44	5.43	3.08	3.80	4.45	8.53	—	7.18
Louisiana	5.42	3.73	2.36	3.40	4.06	5.03	5.82	5.65
Maine	—	—	—	—	—	—	—	—
Maryland	—	4.35	2.94	—	—	—	—	—
Massachusetts	4.98	4.01	2.59	3.43	4.41	5.04	7.08	7.14
Michigan	3.98	2.72	1.60	3.83	4.52	5.08	5.03	5.32
Minnesota	5.22	3.89	2.57	4.19	4.80	4.66	5.74	5.31
Mississippi	4.87	3.46	2.30	3.59	4.07	4.77	5.52	5.37
Missouri	5.15	3.81	2.46	4.80	4.68	4.37	5.82	4.89
Montana	7.77	4.58	4.03	7.66	7.94	7.66	7.25	8.32
Nebraska	5.03	4.24	2.55	3.83	3.55	3.78	6.88	5.80
Nevada	8.24	3.49	2.38	9.88	7.06	7.04	6.24	7.60
New Hampshire	—	3.27	2.43	—	—	—	—	—
New Jersey	—	4.38	2.92	—	—	—	—	—
New Mexico	4.99	3.31	2.09	3.40	3.92	4.94	5.45	6.07
New York	6.78	4.16	2.66	3.54	9.26	5.31	6.12	6.32
North Carolina	5.17	4.12	2.66	4.69	5.34	6.06	7.81	—
North Dakota	6.31	—	—	—	—	6.28	—	6.52
Ohio	9.07	4.09	3.00	8.52	9.49	9.45	9.22	9.50
Oklahoma	5.35	3.86	2.56	3.59	4.14	5.41	6.07	6.42
Oregon	4.06	2.61	1.88	3.32	3.59	3.72	4.12	4.32
Pennsylvania	7.85	3.51	2.99	—	—	—	—	5.53
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	6.54	5.30	3.47	6.63	6.28	5.84	6.49	6.89
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	5.06	3.53	2.28	3.49	4.04	4.79	5.48	5.38
Utah	4.86	3.38	2.38	3.69	4.11	3.93	4.32	4.78
Vermont	4.90	4.18	2.56	—	4.67	4.63	5.84	5.84
Virginia	5.58	4.14	3.00	4.15	5.00	7.54	10.08	22.19
Washington	—	—	—	—	—	—	—	—
West Virginia	7.26	4.19	3.01	4.81	7.87	9.37	6.80	8.45
Wisconsin	5.48	3.84	2.82	3.66	4.65	5.66	6.07	5.88
Wyoming	4.19	3.81	4.09	3.48	2.66	3.71	4.06	5.06
Total	5.45	3.64	2.43	3.83	4.51	5.14	5.70	5.69

See footnotes at end of table.

Table 24. Average Price of Natural Gas Delivered to Electric Utility^a Consumers, by State, 1999-2001

(Dollars per Thousand Cubic Feet) — Continued

State	2001		2000					
	February	January	Total	December	November	October	September	August
Alabama	6.05	9.75	^R 4.52	1.18	9.80	6.70	4.84	4.02
Alaska	2.13	2.12	^R 1.77	1.96	1.98	1.97	1.82	1.77
Arizona	6.76	9.53	^R 4.86	8.65	6.07	5.49	4.93	4.45
Arkansas	6.31	8.88	^R 4.46	10.81	6.37	5.31	5.24	4.43
California	14.57	12.35	^R 5.88	19.91	7.68	6.19	6.01	4.85
Colorado	6.13	7.11	^R 4.12	7.93	4.97	4.00	3.73	3.94
Connecticut	—	—	—	—	—	—	—	—
Delaware	7.43	10.46	^R 4.92	11.14	8.39	7.84	6.53	5.30
District of Columbia	—	—	—	—	—	—	—	—
Florida	8.91	10.87	^R 4.50	6.63	5.57	6.24	5.54	4.73
Georgia	6.90	7.23	^R 4.31	10.85	8.94	8.81	5.32	4.02
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	6.44	9.49	^R 4.84	10.60	6.57	6.50	6.30	4.38
Indiana	7.98	7.71	^R 4.56	7.71	5.80	6.61	5.97	4.38
Iowa	7.11	5.31	^R 4.56	7.04	5.54	5.98	5.43	4.57
Kansas	6.06	9.10	^R 4.18	8.79	5.74	5.12	4.91	4.41
Kentucky	8.24	10.32	^R 5.08	7.22	5.81	6.26	5.28	4.73
Louisiana	6.88	10.07	^R 4.55	8.97	5.64	5.62	5.19	4.47
Maine	—	—	—	—	—	—	—	—
Maryland	—	—	^R 4.62	—	—	—	5.90	5.17
Massachusetts	7.46	13.46	^R 4.60	8.93	5.56	5.94	5.58	5.07
Michigan	5.11	1.33	^R 2.77	2.81	3.16	1.88	1.85	3.26
Minnesota	7.83	11.79	^R 4.54	6.52	5.62	5.73	3.82	4.70
Mississippi	6.38	10.26	^R 4.01	9.29	5.76	5.44	5.10	4.31
Missouri	6.09	12.36	^R 4.42	5.00	6.33	5.40	5.29	4.73
Montana	9.73	10.88	^R 5.81	7.31	13.52	7.46	4.54	5.26
Nebraska	9.75	23.69	4.60	3.62	5.99	5.51	5.62	4.43
Nevada	9.05	10.52	^R 4.86	11.56	7.48	4.87	5.07	4.56
New Hampshire	—	—	^R 3.37	—	—	—	—	—
New Jersey	—	—	^R 4.42	—	—	—	5.42	—
New Mexico	6.06	7.87	^R 3.94	7.35	5.14	4.82	4.58	4.35
New York	8.12	17.03	^R 4.68	10.22	5.65	6.07	5.65	4.72
North Carolina	—	—	^R 4.43	8.79	7.57	5.60	5.54	4.90
North Dakota	—	—	—	—	—	—	—	—
Ohio	9.51	7.47	^R 4.97	6.39	5.81	5.89	6.39	5.97
Oklahoma	6.23	10.20	^R 4.54	7.76	5.29	5.83	5.10	4.39
Oregon	4.16	5.41	^R 2.94	4.74	3.78	2.71	2.67	2.40
Pennsylvania	7.29	11.04	^R 3.83	6.67	6.02	5.77	—	—
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	7.24	10.98	^R 5.72	9.82	7.02	6.55	6.34	6.26
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	6.09	9.01	4.24	7.95	5.23	5.34	4.81	4.32
Utah	6.30	6.92	^R 4.02	6.15	5.23	4.66	3.57	3.60
Vermont	7.69	—	4.91	7.05	6.54	5.60	5.56	4.70
Virginia	34.18	4.00	^R 4.66	2.12	9.11	7.65	7.53	5.31
Washington	—	—	—	—	—	—	—	—
West Virginia	10.14	8.10	^R 4.98	5.73	6.03	6.15	4.87	5.52
Wisconsin	6.57	8.65	^R 4.48	7.23	5.43	5.92	5.29	4.77
Wyoming	4.91	5.00	^R 3.92	4.22	3.47	1.09	8.55	4.61
Total	6.85	9.47	^R4.38	8.23	5.37	5.17	4.85	4.27

See footnotes at end of table.

Table 24. Average Price of Natural Gas Delivered to Electric Utility^a Consumers, by State, 1999-2001

(Dollars per Thousand Cubic Feet) — Continued

State	2000							1999
	July	June	May	April	March	February	January	Total
Alabama	4.47	5.00	4.75	3.45	1.41	2.94	4.94	2.98
Alaska	1.75	1.63	1.74	1.75	1.63	1.64	1.62	1.59
Arizona	4.70	4.75	3.77	3.40	3.01	2.94	2.64	2.67
Arkansas	4.69	4.72	3.79	3.20	2.99	2.86	2.84	2.59
California	4.68	4.87	4.19	3.54	3.38	3.23	2.83	2.76
Colorado	4.06	3.96	3.48	3.08	2.86	2.78	2.51	2.65
Connecticut	—	—	—	—	—	—	—	2.74
Delaware	6.05	5.10	4.20	5.87	5.86	5.86	3.61	2.98
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.10	5.15	3.89	3.68	3.36	3.33	3.03	3.10
Georgia	4.21	4.19	3.93	3.89	3.41	11.20	1.20	2.57
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	4.74	5.11	3.64	3.57	3.11	3.14	2.78	2.41
Indiana	4.43	5.80	4.42	4.19	3.52	3.33	3.29	2.97
Iowa	4.61	5.25	3.81	3.43	3.26	3.19	3.00	3.15
Kansas	3.99	3.87	3.54	3.15	2.92	2.69	2.56	2.36
Kentucky	5.09	6.06	7.17	5.83	4.93	3.59	3.17	3.49
Louisiana	4.64	4.75	3.62	3.22	2.97	2.96	2.71	2.59
Maine	—	—	—	—	—	—	—	—
Maryland	4.69	4.95	4.16	3.69	3.35	3.72	3.84	3.20
Massachusetts	4.74	4.97	3.97	3.67	3.40	3.42	2.98	2.72
Michigan	3.13	3.17	2.85	3.16	3.19	2.06	1.78	1.53
Minnesota	4.76	4.28	3.54	3.27	3.13	3.56	2.62	2.69
Mississippi	3.74	4.44	3.76	3.17	2.84	2.94	2.66	2.49
Missouri	4.45	4.51	3.77	3.23	2.99	2.85	2.75	2.66
Montana	5.35	4.94	3.37	3.53	3.88	3.71	4.13	2.01
Nebraska	4.78	4.33	4.07	3.53	3.31	3.24	2.87	2.80
Nevada	4.13	4.19	3.56	3.03	2.90	2.69	2.99	2.51
New Hampshire	—	—	3.70	3.47	3.19	3.18	—	2.67
New Jersey	5.19	4.77	3.79	3.77	3.51	4.15	4.98	3.08
New Mexico	4.38	4.27	3.35	2.99	2.66	2.58	2.47	2.31
New York	4.70	4.82	3.97	3.55	3.47	4.20	3.96	2.85
North Carolina	4.28	4.27	3.70	3.82	4.28	4.35	4.21	2.92
North Dakota	—	—	—	—	—	—	—	—
Ohio	5.35	3.39	5.49	1.25	4.03	4.60	3.46	3.15
Oklahoma	4.54	4.67	3.73	3.30	3.20	3.44	3.08	2.79
Oregon	2.81	3.35	2.75	2.50	2.27	2.20	2.22	1.96
Pennsylvania	3.18	5.09	3.42	3.28	3.07	3.35	3.24	3.03
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	5.42	5.36	5.03	4.39	4.07	7.47	8.54	3.57
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	4.34	4.40	3.50	3.06	2.83	2.73	2.59	2.51
Utah	3.58	3.79	3.45	3.13	2.96	2.83	2.86	2.65
Vermont	4.40	4.66	3.83	3.56	3.32	3.33	3.09	3.23
Virginia	5.06	5.48	4.09	4.00	3.21	4.01	3.23	3.16
Washington	—	—	—	—	—	—	—	—
West Virginia	5.84	4.19	3.75	4.19	4.10	3.07	4.36	3.00
Wisconsin	4.94	4.86	3.80	3.49	3.23	3.16	3.22	2.93
Wyoming	3.42	4.27	3.72	3.31	2.94	2.70	2.82	3.89
Total	4.35	4.45	3.63	3.23	3.00	2.96	2.74	2.62

^a Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

^R Revised Data.

— Not Applicable.

Notes: Data through 2000 are final. All other data are preliminary unless

otherwise indicated. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1999-2001

State	YTD 2001		YTD 2000		YTD 1999		2001	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	August	
							Commercial	Industrial
Alabama	80.1	13.3	82.4	21.6	75.5	22.3	71.8	13.9
Alaska	67.2	NA	59.0	99.9	52.9	99.7	71.6	NA
Arizona	92.4	53.2	83.5	37.6	83.5	34.0	91.6	45.8
Arkansas	NA	NA	88.8	7.6	89.6	9.1	38.9	3.9
California	62.1	3.1	57.1	5.4	57.5	9.7	60.6	4.3
Colorado	99.9	8.3	98.3	12.4	97.3	14.1	100.0	2.2
Connecticut	NA	54.0	78.1	44.8	64.7	57.8	71.6	63.5
Delaware	98.6	17.4	98.2	7.8	99.0	19.6	98.5	12.0
District of Columbia	26.9	—	38.9	—	47.2	—	27.1	—
Florida	54.7	2.5	68.6	4.6	95.1	5.5	45.6	2.3
Georgia	NA	NA	20.2	18.9	82.6	23.2	12.0	5.2
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	82.5	2.4	87.5	2.8	87.2	2.9	61.9	1.9
Illinois	40.3	12.1	42.0	8.1	43.8	9.3	23.2	5.6
Indiana	NA	NA	77.0	8.2	79.6	5.9	NA	0.8
Iowa	NA	NA	80.7	6.2	84.2	7.4	81.7	4.4
Kansas	63.4	7.6	60.5	11.4	69.5	9.9	50.3	18.8
Kentucky	NA	NA	86.1	19.3	88.2	17.2	79.4	NA
Louisiana	NA	6.7	96.8	11.4	94.2	8.1	NA	4.6
Maine	100.0	66.1	100.0	54.9	100.0	78.9	100.0	41.5
Maryland	39.8	3.9	37.0	5.0	34.0	5.7	28.6	6.7
Massachusetts	60.1	15.9	62.3	13.6	55.6	17.0	45.5	9.9
Michigan	63.8	9.5	57.7	7.6	57.6	9.5	40.1	5.6
Minnesota	98.6	41.2	96.8	38.8	97.2	38.4	97.6	44.4
Mississippi	93.6	26.2	95.7	26.5	96.3	26.6	93.6	29.4
Missouri	82.9	14.4	81.0	16.9	79.9	19.7	65.4	7.3
Montana	76.6	2.3	71.0	1.9	78.7	1.5	69.8	0.1
Nebraska	62.3	17.7	60.9	13.8	65.4	14.2	61.3	11.4
Nevada	69.2	4.9	53.1	5.1	62.4	8.1	81.3	36.7
New Hampshire	88.4	26.8	89.2	37.1	94.0	22.8	45.6	21.3
New Jersey	43.8	22.7	57.2	46.5	55.3	45.9	36.6	3.7
New Mexico	63.3	19.2	57.5	16.6	61.3	14.5	64.4	12.7
New York	55.6	5.1	35.7	3.4	58.4	3.0	22.9	17.5
North Carolina	95.7	32.0	96.9	53.6	94.1	48.5	86.1	17.9
North Dakota	89.8	8.8	88.3	16.0	88.0	14.1	84.1	4.8
Ohio	42.2	3.7	45.2	5.4	47.7	4.4	27.2	2.1
Oklahoma	66.3	3.6	72.2	3.9	73.8	3.9	42.5	2.5
Oregon	98.5	NA	98.8	12.3	98.8	14.6	99.8	NA
Pennsylvania	NA	9.5	59.2	11.1	58.0	11.6	54.5	6.0
Rhode Island	61.2	3.2	55.4	6.2	55.5	4.3	46.2	100.0
South Carolina	92.0	80.8	98.9	86.7	97.0	85.6	95.8	77.8
South Dakota	NA	24.0	81.8	29.4	81.7	38.9	75.3	15.5
Tennessee	92.8	21.4	93.2	37.8	88.3	34.4	82.8	26.2
Texas	50.1	26.5	77.3	29.2	77.5	21.5	59.3	42.3
Utah	85.1	10.4	83.3	10.0	82.6	9.6	76.5	95.3
Vermont	100.0	77.0	100.0	83.3	100.0	76.3	100.0	68.1
Virginia	NA	9.1	64.3	13.7	67.1	11.5	51.6	8.1
Washington	NA	NA	94.6	26.5	88.9	25.7	NA	NA
West Virginia	NA	NA	54.6	7.0	53.3	12.1	49.2	10.1
Wisconsin	NA	NA	78.1	20.9	79.2	20.4	56.6	11.7
Wyoming	68.8	4.7	90.1	2.8	91.2	3.2	79.2	2.9
Total	63.6	14.3	62.7	18.0	67.0	16.8	53.8	17.3

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1999-2001 — Continued

State	2001							
	July		June		May		April	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	71.7	13.5	70.7	13.8	73.3	10.1	80.6	12.6
Alaska	70.6	91.5	73.2	92.8	65.6	97.2	65.7	99.7
Arizona	92.8	65.5	93.9	56.8	92.7	53.9	89.3	51.4
Arkansas	NA	10.3	NA	NA	NA	10.8	NA	10.7
California	60.1	4.2	66.5	5.0	63.0	5.8	52.2	6.7
Colorado	100.0	2.2	100.0	1.0	100.0	0.5	100.0	0.2
Connecticut	77.8	37.6	NA	46.8	77.5	61.3	73.1	52.8
Delaware	100.0	15.2	98.4	20.9	98.5	15.2	98.7	13.4
District of Columbia	19.0	—	21.3	—	23.9	—	24.1	—
Florida	46.3	1.4	49.5	4.6	53.4	4.2	57.7	3.5
Georgia	11.0	5.5	13.3	6.2	13.3	6.2	NA	NA
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	61.6	1.6	64.3	1.7	69.5	2.1	86.4	2.1
Illinois	26.7	5.4	25.5	6.2	33.6	6.6	40.4	8.2
Indiana	NA	NA	NA	3.3	NA	3.8	NA	6.3
Iowa	NA	NA	71.5	2.7	69.7	6.0	77.2	4.7
Kansas	52.0	15.6	52.9	7.9	55.4	6.4	67.1	2.4
Kentucky	NA	NA	63.9	13.3	73.6	15.0	75.6	12.0
Louisiana	NA	5.3	95.6	3.2	95.7	4.3	97.2	8.6
Maine	100.0	50.8	100.0	46.2	100.0	38.2	100.0	91.0
Maryland	28.2	1.9	28.2	2.4	30.4	4.1	35.2	3.3
Massachusetts	49.0	13.5	45.7	19.6	48.7	22.7	61.8	25.2
Michigan	41.6	5.0	48.3	5.1	57.8	8.3	62.6	12.5
Minnesota	98.8	38.8	99.4	38.8	97.6	35.3	98.6	41.4
Mississippi	93.4	25.9	93.9	31.9	92.5	24.3	95.1	31.8
Missouri	67.9	8.9	69.8	9.5	71.6	10.4	82.6	13.5
Montana	68.6	0.9	69.0	1.9	68.7	2.3	75.1	2.6
Nebraska	60.6	7.3	56.1	14.9	51.4	17.6	53.7	18.7
Nevada	82.0	36.5	54.8	11.8	58.0	12.0	64.2	18.1
New Hampshire	84.0	10.0	88.6	13.4	82.5	21.4	92.1	60.2
New Jersey	36.7	3.2	37.7	4.8	39.9	21.1	46.6	13.5
New Mexico	62.4	3.8	60.1	5.3	60.6	5.5	48.5	47.9
New York	22.3	17.1	55.1	18.9	56.2	20.9	65.0	17.6
North Carolina	87.1	21.3	88.3	25.3	93.5	28.6	96.1	30.0
North Dakota	83.8	1.1	82.0	5.6	85.8	5.9	88.9	8.3
Ohio	26.9	0.7	28.0	1.5	27.2	1.7	40.5	2.8
Oklahoma	33.6	1.5	35.7	2.0	49.7	1.8	61.0	3.2
Oregon	90.9	26.5	99.7	21.0	99.2	20.8	99.4	20.5
Pennsylvania	57.4	6.4	58.3	4.0	59.2	6.2	62.3	8.2
Rhode Island	44.1	100.0	52.6	100.0	60.2	100.0	63.9	100.0
South Carolina	51.5	77.9	96.0	77.4	96.5	76.5	97.4	81.5
South Dakota	NA	13.8	78.2	18.6	83.9	14.1	84.1	21.7
Tennessee	85.4	19.0	87.5	22.3	88.2	18.1	92.8	18.0
Texas	50.2	23.9	58.2	24.8	34.1	21.3	50.6	22.0
Utah	76.4	95.6	76.9	95.5	80.0	94.8	84.6	92.2
Vermont	100.0	66.3	100.0	68.4	100.0	75.6	100.0	79.4
Virginia	50.0	3.6	59.5	16.3	57.0	8.8	NA	12.4
Washington	NA	7.9	97.7	30.7	89.9	30.9	96.0	33.5
West Virginia	52.4	8.8	43.5	NA	52.6	NA	72.7	9.7
Wisconsin	68.8	11.6	NA	NA	NA	NA	75.5	17.3
Wyoming	84.4	2.6	97.2	3.3	93.6	2.8	66.5	4.8
Total	53.5	12.1	61.2	12.4	55.8	12.0	63.3	13.8

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1999-2001 — Continued

State	2001						2000	
	March		February		January		Total	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	77.3	12.2	84.3	15.0	85.8	16.7	^R 81.2	^R 22.5
Alaska	67.9	99.6	64.6	99.6	65.3	99.6	^R 59.2	^R 99.8
Arizona	95.7	50.8	91.5	52.5	91.6	44.7	^R 83.7	^R 38.0
Arkansas	NA	13.6	NA	NA	NA	14.6	^R 89.9	^R 8.2
California	64.6	8.5	66.8	8.5	64.1	9.5	^R 57.5	^R 5.1
Colorado	99.8	—	100.0	0.1	99.9	—	^R 97.4	^R 12.1
Connecticut	77.8	53.5	74.4	51.2	76.5	68.4	78.4	^R 46.0
Delaware	98.5	20.4	98.7	29.7	98.4	11.1	98.0	^R 8.1
District of Columbia	28.8	—	28.2	—	32.5	—	^R 35.6	—
Florida	56.8	2.8	59.2	3.7	62.1	4.7	^R 67.5	^R 4.4
Georgia	9.1	6.7	13.5	8.2	12.0	9.9	^R 17.0	^R 19.3
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	88.6	2.5	90.3	3.2	88.8	3.3	^R 86.3	^R 2.7
Illinois	42.6	10.8	43.7	13.6	46.6	13.4	^R 41.9	^R 8.7
Indiana	NA	6.5	NA	13.3	NA	14.2	^R 78.0	^R 9.8
Iowa	83.2	6.3	84.9	8.8	92.6	8.0	^R 81.1	^R 7.0
Kansas	64.8	2.6	63.8	2.4	68.1	2.5	^R 58.3	^R 10.3
Kentucky	82.7	16.4	84.0	18.9	88.0	23.7	^R 85.6	^R 19.1
Louisiana	NA	6.3	97.0	8.3	96.2	8.5	^R 96.3	^R 11.0
Maine	100.0	93.6	100.0	98.4	—	94.1	100.0	43.5
Maryland	46.2	3.9	45.4	4.8	44.6	7.8	^R 39.2	^R 5.3
Massachusetts	63.9	42.5	63.4	34.6	67.4	34.6	^R 63.1	^R 13.5
Michigan	68.2	14.4	68.8	16.2	68.4	17.6	58.6	^R 7.8
Minnesota	99.4	48.0	98.7	53.0	98.0	28.0	^R 97.3	^R 40.0
Mississippi	95.7	25.3	87.3	35.1	96.6	29.0	^R 95.5	^R 27.1
Missouri	83.5	18.0	85.6	15.7	89.4	23.7	^R 80.1	^R 17.1
Montana	61.8	2.8	88.2	3.1	76.3	3.0	^R 73.5	1.9
Nebraska	60.7	27.5	61.8	26.8	78.2	23.1	^R 60.5	^R 13.8
Nevada	65.3	15.4	73.5	23.1	73.8	30.0	^R 54.7	4.4
New Hampshire	90.4	30.9	91.9	35.8	90.3	30.7	^R 86.4	34.8
New Jersey	47.9	15.0	43.6	26.3	44.1	25.5	^R 56.9	^R 44.4
New Mexico	66.4	33.5	68.0	29.7	67.9	25.2	^R 61.4	^R 18.9
New York	66.5	21.1	69.2	25.0	67.7	15.1	^R 36.0	^R 3.4
North Carolina	96.9	28.5	98.2	31.0	98.8	38.3	^R 96.5	^R 52.5
North Dakota	89.4	16.8	92.2	13.9	92.3	15.3	^R 89.3	^R 16.1
Ohio	43.9	4.7	43.3	4.4	50.7	6.1	^R 45.0	^R 5.5
Oklahoma	74.7	4.3	75.4	4.9	82.4	8.2	^R 72.3	^R 4.1
Oregon	100.0	18.9	100.0	17.3	100.0	27.5	^R 98.8	^R 13.0
Pennsylvania	NA	9.1	NA	13.6	NA	14.4	^R 60.5	^R 11.6
Rhode Island	62.5	100.0	64.9	100.0	64.4	100.0	^R 53.3	^R 5.9
South Carolina	96.8	81.4	98.3	86.5	99.0	91.1	^R 98.7	^R 86.5
South Dakota	86.7	27.3	85.1	34.3	88.3	43.5	^R 83.1	^R 28.3
Tennessee	92.8	22.3	95.0	22.8	95.8	26.8	^R 92.5	^R 38.4
Texas	50.4	21.3	48.3	22.8	56.0	23.6	^R 76.3	^R 30.1
Utah	85.7	94.0	87.6	94.2	88.4	94.9	^R 83.9	^R 10.0
Vermont	100.0	79.7	100.0	80.4	100.0	96.0	100.0	83.8
Virginia	77.9	14.3	79.8	16.7	75.3	19.3	^R 66.4	^R 13.4
Washington	94.8	38.9	94.9	37.0	95.1	39.7	^R 92.7	^R 27.1
West Virginia	NA	NA	80.3	6.9	76.8	6.5	^R 56.6	^R 7.6
Wisconsin	73.8	25.1	81.1	25.4	81.7	24.1	^R 78.1	^R 22.4
Wyoming	57.3	7.3	59.6	8.1	79.3	5.2	^R 90.0	^R 2.9
Total	66.0	14.4	67.0	15.6	68.9	15.8	^R62.9	^R18.1

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1999-2001 — Continued

State	2000							
	December		November		October		September	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	^R 83.6	^R 27.5	^R 73.7	^R 24.9	^R 74.2	^R 22.7	^R 76.3	^R 21.5
Alaska	^R 60.4	99.6	^R 57.9	99.6	^R 59.3	99.6	^R 61.5	99.7
Arizona	^R 89.8	^R 36.9	^R 82.9	^R 46.0	^R 77.5	^R 39.2	^R 80.6	^R 33.0
Arkansas	^R 95.5	13.9	^R 93.0	^R 8.3	^R 82.4	^R 8.8	^R 76.9	^R 5.5
California	^R 63.5	^R 5.8	^R 56.4	^R 5.2	^R 57.0	^R 3.8	^R 49.8	^R 3.7
Colorado	^R 96.1	^R 10.6	^R 95.7	^R 12.2	^R 93.1	^R 11.5	^R 99.1	^R 11.6
Connecticut	78.9	^R 48.4	^R 75.7	^R 53.9	^R 79.8	^R 56.1	82.7	^R 35.7
Delaware	97.5	^R 9.0	97.5	^R 11.7	97.8	^R 5.9	94.9	^R 9.3
District of Columbia	^R 32.7	—	^R 27.2	—	^R 23.5	—	^R 20.5	—
Florida	^R 67.5	^R 4.1	^R 63.1	^R 3.4	^R 64.0	^R 4.5	^R 64.7	^R 4.4
Georgia	^R 11.1	^R 21.2	^R 10.8	^R 22.7	^R 14.7	^R 19.9	^R 16.9	^R 17.6
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	^R 87.9	2.8	^R 83.2	2.3	^R 76.4	2.4	^R 80.6	1.9
Illinois	^R 43.5	^R 13.2	^R 45.2	^R 10.9	^R 34.1	^R 7.0	^R 34.1	^R 6.6
Indiana	^R 83.0	^R 16.2	^R 79.3	^R 15.6	^R 73.0	^R 9.6	^R 70.3	^R 10.2
Iowa	^R 84.2	^R 11.9	^R 82.2	^R 8.2	^R 77.1	^R 7.2	^R 71.7	^R 5.8
Kansas	^R 60.1	^R 2.7	^R 44.7	^R 3.6	^R 49.0	^R 7.6	^R 52.3	^R 15.6
Kentucky	^R 84.2	^R 22.5	^R 87.2	^R 17.5	^R 83.8	^R 17.4	^R 81.8	^R 16.3
Louisiana	^R 95.3	^R 10.9	^R 94.5	^R 10.8	^R 96.2	^R 9.6	^R 96.1	^R 10.1
Maine	100.0	16.4	100.0	23.5	100.0	39.2	100.0	47.4
Maryland	^R 50.4	^R 6.4	^R 42.1	^R 2.8	^R 38.2	^R 7.6	^R 30.4	^R 6.9
Massachusetts	^R 67.9	^R 18.4	^R 61.4	^R 14.9	^R 58.3	^R 8.8	^R 67.6	^R 9.8
Michigan	^R 67.8	^R 12.5	^R 60.0	^R 8.1	^R 50.8	^R 6.3	^R 43.2	^R 4.0
Minnesota	98.3	^R 46.3	97.5	^R 44.7	98.9	^R 43.3	99.0	^R 34.7
Mississippi	^R 96.2	^R 29.9	^R 94.8	^R 28.3	^R 94.7	^R 29.9	^R 94.4	^R 25.7
Missouri	^R 84.4	^R 25.4	^R 73.3	^R 14.0	^R 62.5	^R 9.1	^R 81.5	^R 25.2
Montana	^R 81.7	^R 3.1	^R 78.3	^R 2.1	^R 73.3	^R 1.6	^R 68.7	0.8
Nebraska	^R 53.8	^R 18.5	^R 70.2	^R 18.6	^R 65.3	^R 16.2	^R 62.9	^R 6.8
Nevada	^R 74.7	^R 4.9	^R 53.7	^R 4.0	^R 47.3	^R 2.4	^R 44.7	^R 1.9
New Hampshire	80.6	31.7	83.6	23.7	77.4	27.7	73.3	32.0
New Jersey	^R 56.1	^R 44.6	^R 62.2	^R 41.1	^R 53.9	^R 33.5	^R 41.5	^R 37.0
New Mexico	^R 71.9	^R 15.7	^R 74.0	^R 20.6	^R 75.9	^R 28.2	^R 44.4	^R 28.4
New York	^R 37.8	^R 3.7	^R 34.9	^R 3.4	^R 34.4	^R 3.2	^R 37.7	^R 3.6
North Carolina	^R 96.8	^R 41.4	^R 89.8	^R 28.5	99.5	^R 66.5	99.8	^R 63.9
North Dakota	^R 92.8	^R 25.3	^R 91.7	^R 19.7	^R 87.8	^R 11.8	^R 82.4	^R 9.1
Ohio	^R 49.6	^R 8.3	^R 42.3	^R 7.5	^R 39.0	^R 2.7	^R 35.6	^R 2.4
Oklahoma	^R 82.8	^R 7.9	^R 72.7	^R 4.1	^R 56.9	^R 3.2	^R 47.7	^R 2.7
Oregon	^R 98.8	^R 20.3	^R 98.8	^R 14.6	^R 98.8	^R 12.7	^R 98.8	^R 12.2
Pennsylvania	^R 66.3	^R 16.0	^R 62.0	^R 12.6	^R 55.7	^R 10.7	^R 62.9	^R 11.0
Rhode Island	^R 55.0	^R 3.3	^R 45.8	^R 6.4	^R 40.0	^R 6.1	^R 38.9	^R 4.6
South Carolina	^R 98.6	^R 85.7	^R 96.1	^R 82.7	100.0	^R 87.7	100.0	^R 88.3
South Dakota	^R 89.6	^R 42.4	^R 83.2	^R 24.1	^R 80.8	^R 26.2	^R 72.2	^R 12.9
Tennessee	^R 94.6	^R 35.6	^R 92.5	^R 37.6	^R 88.6	^R 43.6	^R 78.0	^R 41.4
Texas	^R 77.8	^R 34.0	^R 72.2	^R 36.4	^R 71.9	^R 27.6	^R 72.2	^R 28.9
Utah	^R 87.0	^R 10.0	^R 85.6	^R 10.0	^R 79.7	^R 9.7	^R 79.7	^R 10.0
Vermont	100.0	93.0	100.0	83.9	100.0	82.3	100.0	82.9
Virginia	^R 74.1	^R 8.7	^R 69.5	^R 19.1	^R 66.1	^R 14.9	^R 62.7	^R 12.9
Washington	^R 95.4	^R 27.1	^R 76.8	^R 29.1	^R 93.6	^R 28.7	^R 91.9	^R 28.6
West Virginia	^R 75.2	^R 11.7	^R 58.7	^R 11.1	^R 50.4	^R 6.8	^R 35.9	^R 6.2
Wisconsin	^R 82.4	^R 32.9	^R 78.4	^R 25.3	^R 71.3	^R 19.8	^R 63.1	^R 17.1
Wyoming	^R 96.8	^R 3.0	^R 84.2	^R 2.6	^R 87.0	^R 3.2	^R 85.6	^R 3.0
Total	^R67.5	^R20.4	^R63.0	^R19.8	^R58.5	^R16.6	^R56.0	^R16.5

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1999-2001 — Continued

State	2000							
	August		July		June		May	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	^R 79.3	^R 21.2	^R 79.0	^R 20.4	^R 77.2	^R 20.3	^R 80.4	^R 19.9
Alaska	^R 63.8	99.9	^R 64.3	99.9	^R 70.2	99.9	^R 54.1	99.8
Arizona	^R 84.1	^R 33.7	^R 81.4	^R 32.3	^R 82.0	^R 37.6	^R 80.1	^R 31.9
Arkansas	^R 84.9	^R 6.3	^R 80.7	^R 6.8	^R 82.7	^R 7.3	^R 83.5	^R 7.6
California	^R 47.5	^R 3.5	^R 52.3	^R 4.0	^R 59.3	^R 4.2	^R 54.5	^R 5.1
Colorado	^R 99.3	^R 14.5	^R 96.4	^R 15.1	^R 95.8	^R 14.3	^R 98.7	^R 14.8
Connecticut	^R 81.0	^R 62.8	^R 83.0	^R 48.7	80.7	^R 42.0	79.4	^R 44.1
Delaware	^R 98.5	^R 7.0	98.7	^R 2.4	98.3	^R 7.4	98.6	^R 5.6
District of Columbia	^R 22.4	—	^R 29.4	—	^R 28.8	—	^R 30.8	—
Florida	^R 64.7	^R 4.2	^R 65.2	^R 4.1	^R 66.4	^R 5.3	^R 68.2	^R 4.7
Georgia	^R 16.3	^R 16.7	^R 16.4	^R 15.8	^R 19.1	^R 16.4	^R 44.7	^R 16.0
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	^R 81.9	2.5	^R 83.3	^R 2.1	^R 84.4	^R 2.0	^R 83.5	2.3
Illinois	^R 30.0	^R 5.4	^R 27.3	^R 6.2	^R 26.9	^R 5.5	^R 33.6	^R 5.2
Indiana	^R 66.6	^R 8.1	^R 67.1	^R 8.2	^R 65.2	^R 8.5	72.0	^R 6.0
Iowa	^R 77.7	^R 4.5	^R 71.5	^R 3.6	^R 68.9	^R 7.0	^R 54.5	^R 4.6
Kansas	^R 44.6	^R 21.4	^R 45.4	^R 20.1	^R 47.6	^R 13.9	^R 56.3	^R 9.1
Kentucky	^R 80.8	^R 19.3	^R 81.7	^R 17.7	^R 78.5	^R 19.8	^R 79.3	^R 18.2
Louisiana	^R 96.1	^R 9.5	^R 95.9	^R 12.7	^R 96.7	^R 12.0	^R 96.8	^R 10.7
Maine	^R 100.0	44.0	100.0	51.7	100.0	60.5	100.0	57.6
Maryland	^R 33.3	^R 2.6	^R 29.7	^R 6.7	^R 25.2	^R 3.2	^R 29.8	^R 5.0
Massachusetts	^R 51.2	^R 6.6	^R 51.1	^R 9.9	^R 50.8	^R 11.1	^R 55.9	^R 13.6
Michigan	^R 41.4	^R 4.0	^R 36.9	^R 4.3	^R 41.9	^R 4.9	^R 51.2	^R 6.0
Minnesota	98.6	^R 42.2	^R 97.3	^R 38.0	96.3	^R 25.7	^R 99.2	^R 60.1
Mississippi	^R 93.5	^R 30.2	^R 94.2	^R 28.0	^R 92.8	^R 27.3	^R 94.3	^R 27.0
Missouri	^R 67.3	^R 15.5	^R 70.0	^R 11.4	^R 69.2	^R 11.2	^R 76.0	^R 13.0
Montana	^R 65.1	0.8	^R 65.8	0.9	^R 60.0	1.1	^R 63.5	^R 1.4
Nebraska	^R 64.9	^R 14.8	^R 67.6	6.0	^R 48.4	^R 11.3	^R 53.8	^R 15.3
Nevada	^R 40.9	^R 1.8	^R 35.5	^R 2.9	^R 45.0	^R 3.2	^R 47.0	^R 3.1
New Hampshire	69.5	33.3	73.3	37.0	78.1	35.5	^R 82.8	^R 43.3
New Jersey	^R 81.7	^R 43.4	^R 42.1	^R 28.4	^R 55.3	^R 54.6	^R 79.1	^R 49.9
New Mexico	^R 56.9	^R 26.2	^R 51.6	^R 18.7	^R 46.8	^R 19.5	^R 52.0	^R 15.8
New York	^R 38.9	^R 3.1	^R 37.8	^R 3.0	^R 33.9	^R 2.8	^R 34.6	^R 3.1
North Carolina	^R 84.9	^R 30.8	100.0	^R 69.8	100.0	^R 74.0	100.0	^R 67.0
North Dakota	^R 83.6	^R 9.9	^R 80.2	^R 16.2	^R 82.6	^R 5.1	^R 82.2	^R 12.9
Ohio	^R 33.7	^R 1.9	^R 33.5	^R 3.0	^R 29.1	^R 3.4	^R 42.6	^R 3.9
Oklahoma	^R 53.4	^R 2.8	^R 50.1	^R 2.8	^R 69.5	^R 2.3	^R 62.2	^R 3.2
Oregon	98.8	^R 9.8	^R 98.8	^R 11.7	^R 98.8	^R 12.6	^R 98.8	^R 6.7
Pennsylvania	^R 51.0	^R 10.8	^R 54.4	^R 11.3	^R 59.2	^R 10.0	^R 56.4	^R 10.5
Rhode Island	^R 39.4	^R 5.9	^R 41.7	^R 4.3	^R 46.0	^R 5.9	^R 60.6	^R 6.1
South Carolina	^R 96.1	^R 82.9	100.0	^R 88.6	100.0	^R 88.4	100.0	^R 89.9
South Dakota	^R 78.8	^R 10.7	^R 74.0	^R 13.9	^R 74.8	^R 18.5	^R 80.2	^R 31.1
Tennessee	^R 88.2	^R 32.6	^R 86.6	^R 32.7	^R 88.0	^R 43.3	^R 91.3	^R 43.3
Texas	^R 73.3	^R 31.7	^R 73.9	^R 31.6	^R 76.4	^R 30.5	^R 74.6	^R 25.9
Utah	^R 74.5	^R 10.7	^R 77.3	^R 10.1	^R 77.3	^R 11.6	^R 76.4	^R 10.3
Vermont	100.0	79.6	100.0	81.0	100.0	92.4	100.0	82.0
Virginia	^R 55.9	^R 14.0	^R 54.7	^R 11.2	^R 53.0	^R 10.1	^R 53.4	^R 13.9
Washington	^R 91.5	^R 26.7	^R 92.1	^R 26.1	^R 92.0	^R 24.2	^R 93.0	^R 25.8
West Virginia	^R 36.5	^R 5.8	^R 39.6	^R 7.0	^R 37.4	^R 6.3	^R 49.0	^R 5.3
Wisconsin	^R 65.7	^R 16.7	^R 65.0	^R 16.1	^R 67.2	^R 16.4	^R 72.4	^R 13.2
Wyoming	^R 86.1	^R 2.6	^R 87.6	^R 2.7	^R 95.3	^R 11.3	^R 89.9	^R 2.0
Total	^R57.7	^R17.1	^R55.5	^R17.6	^R56.5	^R18.1	^R59.6	^R17.0

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Represented by Onsystem Sales, by State, 1999-2001 — Continued

State	2000							
	April		March		February		January	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	^R 79.1	^R 21.2	^R 81.2	^R 21.2	^R 87.2	^R 25.0	^R 83.9	^R 23.3
Alaska	^R 59.7	99.9	^R 61.1	99.8	^R 56.5	99.8	^R 54.8	99.8
Arizona	^R 81.0	^R 26.7	^R 82.2	^R 37.6	^R 90.3	^R 58.5	^R 84.0	^R 41.0
Arkansas	^R 81.2	^R 7.3	^R 92.9	7.8	^R 92.5	^R 9.7	^R 92.8	^R 7.4
California	^R 59.1	^R 7.1	^R 60.3	^R 7.5	^R 61.2	^R 7.9	^R 58.3	^R 6.8
Colorado	^R 98.8	^R 11.2	^R 98.3	^R 11.6	^R 98.1	^R 9.5	^R 98.8	^R 10.4
Connecticut	^R 77.0	^R 28.6	^R 79.3	^R 43.0	^R 80.6	^R 48.4	69.6	^R 41.6
Delaware	^R 98.7	^R 8.5	^R 97.2	^R 9.0	98.2	^R 9.2	98.2	^R 11.4
District of Columbia	^R 35.0	—	^R 38.3	—	^R 50.3	—	^R 49.8	—
Florida	^R 69.0	^R 5.1	^R 70.3	^R 4.0	^R 72.0	^R 4.5	^R 70.3	^R 4.7
Georgia	^R 18.6	^R 19.1	^R 20.0	^R 20.1	^R 20.5	^R 24.2	^R 13.3	^R 23.7
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	^R 88.0	2.7	^R 88.0	3.6	^R 89.4	^R 3.6	89.5	3.3
Illinois	^R 41.7	^R 8.1	^R 45.4	^R 8.7	^R 46.8	^R 10.6	^R 46.1	^R 11.7
Indiana	^R 79.3	^R 8.4	^R 79.2	^R 8.6	^R 81.0	^R 7.9	^R 78.1	^R 9.4
Iowa	^R 79.3	^R 5.4	^R 84.2	^R 6.3	^R 85.9	^R 8.1	^R 87.1	^R 8.3
Kansas	^R 64.0	^R 5.9	^R 60.8	^R 7.3	^R 68.0	^R 4.9	^R 62.2	^R 4.2
Kentucky	^R 85.5	^R 18.0	^R 85.8	^R 18.0	^R 88.3	^R 22.4	^R 88.9	^R 19.7
Louisiana	^R 97.4	^R 10.7	^R 97.4	^R 11.4	^R 97.9	^R 11.7	^R 95.5	^R 12.6
Maine	100.0	55.1	100.0	57.1	100.0	55.1	100.0	56.3
Maryland	^R 30.3	^R 2.2	^R 38.2	^R 6.2	^R 44.5	^R 7.0	^R 41.9	^R 6.9
Massachusetts	^R 57.6	^R 14.3	^R 60.0	^R 19.0	^R 69.5	^R 20.5	^R 73.7	^R 7.6
Michigan	^R 56.4	^R 7.5	^R 61.3	^R 8.6	^R 63.7	^R 11.1	^R 63.0	^R 10.6
Minnesota	96.1	^R 39.8	^R 95.8	^R 40.9	^R 96.9	^R 35.0	^R 96.6	^R 40.4
Mississippi	^R 95.6	^R 24.7	^R 96.4	^R 25.1	^R 97.0	^R 27.4	^R 96.7	^R 23.5
Missouri	^R 79.9	^R 16.4	^R 82.6	^R 17.7	^R 86.0	^R 20.3	^R 84.2	^R 24.7
Montana	^R 67.7	1.8	^R 74.8	2.4	^R 76.6	^R 2.6	^R 72.5	2.7
Nebraska	^R 56.3	^R 14.8	^R 59.0	^R 16.5	^R 67.3	^R 18.5	^R 62.7	^R 19.4
Nevada	^R 52.6	^R 4.4	^R 59.7	^R 9.4	^R 61.6	^R 8.7	^R 65.1	^R 11.4
New Hampshire	^R 86.0	^R 38.3	94.3	44.8	95.0	^R 32.9	^R 93.8	^R 27.9
New Jersey	^R 52.9	^R 49.9	^R 52.9	^R 50.3	^R 54.0	^R 46.2	^R 49.6	^R 49.1
New Mexico	^R 31.5	^R 17.4	^R 63.8	^R 12.7	^R 65.2	^R 12.6	^R 66.2	^R 8.1
New York	^R 33.3	^R 3.2	^R 34.7	^R 3.3	^R 37.5	^R 5.3	^R 35.5	^R 4.0
North Carolina	99.8	^R 64.5	^R 91.9	^R 32.3	99.2	^R 51.7	97.2	^R 40.9
North Dakota	^R 88.4	^R 18.8	^R 89.3	^R 18.5	^R 89.0	^R 25.9	^R 92.0	^R 26.1
Ohio	^R 45.3	^R 5.3	^R 43.8	^R 6.3	^R 49.4	^R 8.3	^R 49.7	^R 7.9
Oklahoma	^R 70.3	^R 3.9	^R 74.8	^R 4.9	^R 80.5	^R 6.0	^R 80.4	^R 5.1
Oregon	^R 98.8	^R 12.3	^R 98.8	^R 14.7	^R 98.8	^R 15.0	^R 98.8	^R 13.9
Pennsylvania	^R 57.4	^R 10.3	^R 60.1	^R 10.2	^R 61.2	^R 13.2	^R 60.4	^R 12.2
Rhode Island	^R 48.9	^R 6.3	^R 60.1	^R 6.3	^R 62.1	^R 6.2	^R 56.4	^R 7.0
South Carolina	100.0	^R 89.9	^R 96.5	^R 84.0	99.8	^R 86.1	^R 98.4	^R 84.2
South Dakota	^R 95.9	^R 43.6	^R 70.0	^R 45.0	^R 85.4	^R 44.3	^R 86.0	^R 47.6
Tennessee	^R 93.0	^R 35.2	^R 94.1	^R 37.6	^R 93.4	^R 38.0	^R 96.2	^R 39.9
Texas	^R 76.5	^R 27.1	^R 76.8	^R 29.4	^R 80.7	^R 28.7	^R 80.9	^R 29.0
Utah	^R 78.8	^R 7.3	^R 83.8	^R 11.4	^R 88.3	^R 10.4	^R 86.7	^R 8.6
Vermont	100.0	81.5	100.0	80.8	100.0	83.0	100.0	87.4
Virginia	^R 61.5	^R 8.1	^R 63.1	^R 17.4	^R 68.9	^R 17.6	^R 74.1	^R 18.8
Washington	^R 94.7	^R 25.3	^R 96.0	^R 27.5	^R 95.5	^R 26.7	^R 96.0	^R 28.9
West Virginia	^R 51.9	^R 7.9	^R 49.4	^R 5.3	^R 71.9	^R 7.6	^R 62.7	^R 9.9
Wisconsin	^R 77.2	^R 22.1	^R 79.7	^R 22.6	^R 81.4	^R 25.0	^R 82.8	^R 26.7
Wyoming	^R 93.6	^R 1.6	^R 88.0	^R 2.3	^R 92.7	1.7	^R 88.2	1.7
Total	^R61.2	^R18.0	^R62.4	^R18.2	^R67.4	^R19.4	^R66.5	^R18.7

^R Revised Data.

NA Not Available.

— Not Applicable.

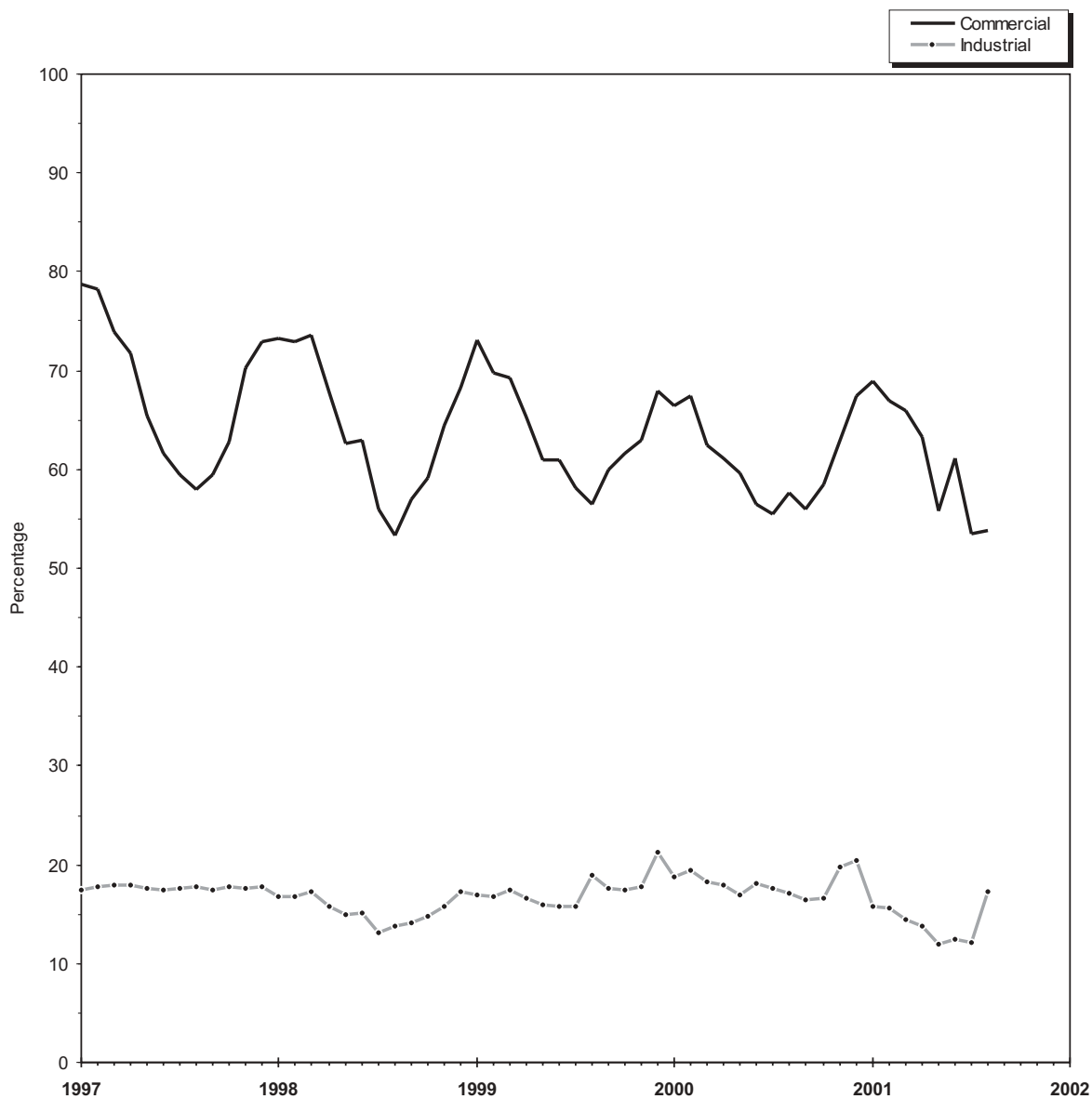
Notes: Volumes of natural gas reported for the commercial and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percent of the total State volume that represents natural gas sales to the commercial and

industrial sectors. This information may be helpful in evaluating commercial and industrial price data which are based on sales data only. See Appendix C, Statistical Considerations, for a discussion of the computation of natural gas prices.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Figure 6

Figure 6. Percentage of Total Deliveries Represented by Onsystem Sales, 1997-2001



Sources: Energy Information Administration, Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Appendix A

Explanatory Notes

The Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly (NGM)*. The information in this Appendix is provided to assist users in evaluating the monthly data. There is a brief description of what data are estimated and what data are taken from submitted reports, followed by ten technical notes that provide important information for individual data series.

The monthly data are preliminary when initially published. Data shown in this report for the most current months are taken from the EIA Short-Term Integrated Forecasting System (STIFS) model computations. Each month, EIA staff review the STIFS model estimates and adjust them, if necessary, based on their knowledge of new developments in the natural gas industry. Data for prior months are estimated or taken from submitted reports.

Table A1. Methodology for Reporting Initial Monthly Natural Gas Supply and Disposition Data

Components	Reporting Methodology
Supply and Disposition	
Marketed Production	Reported on Form EIA-895 and Estimated from Historical Data
Extraction Loss	Derived from Marketed Production
Dry Production	Marketed Production minus Extraction Loss
Withdrawals from Storage	Reported on Form EIA-191
Supplemental Gaseous Fuels	Derived from Supply Estimates and Coal Gasification Information
Imports	Estimated from National Energy Board of Canada Information and Liquefied Natural Gas Information
Additions to Storage	Reported on Form EIA-191
Exports	Estimated from Industry Trends and Liquefied Natural Gas Information
Current-Month Consumption	Estimated from Historical Month-to-Month Percent Changes
Consumption by Sector	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline Fuel	Derived from Estimates for Lease and Plant Fuel and Deliveries to Consumers
Residential	Estimated from Reports to the Sample Survey Form EIA-857
Commercial	Estimated from Reports to the Sample Survey Form EIA-857
Industrial	Estimated from Reports to the Sample Survey Form EIA-857
Electric Utilities	Reported of Form EIA-759

For data that are not taken from STIFS computations, Table A1 below lists the methodologies for deriving the monthly data to be published.

The STIFS model contains a series of calculations that produce forecasts for all of the energy industry. It is driven primarily by three sets of inputs or assumptions: estimates of key macroeconomic variables, world oil price assumptions, and assumptions about the severity of weather. The natural gas estimates also reflect other key inputs or assumptions including gas wellhead prices, electric power generation by other energy sources, and U.S. gas import capacity. The macroeconomic variable estimates are produced by DRI/McGraw-Hill but are adjusted by EIA to reflect EIA assumptions about the world price of oil, energy product prices, and other assumptions which may affect the macroeconomic outlook. The EIA publishes forecasts for the energy industry each quarter in the Short-Term Energy Outlook.

For production, total supply and disposition, and storage data (Tables 1, 2, and 9), the most current two months shown are estimates produced from STIFS computations, and data that are two months or more prior to the date of publication are estimated or taken from submitted reports. For example, in the March issue of the *NGM*, February and March data are taken from the STIFS model computations while January and prior months data are estimated from available data sources or reported directly on EIA forms. For consumption data by sector (Table 3), the most current three months shown are estimates produced from STIFS computations while data that are three months prior to date of publication are taken from EIA forms.

Note 1. Nonhydrocarbon Gases Removed

Annual Data

Data on nonhydrocarbon gases removed from marketed production — carbon dioxide, helium, hydrogen sulfide, and nitrogen — are reported by State agencies on the voluntary Form EIA-895. Eleven of the 33 producing States reported data on nonhydrocarbon gases removed during 1999. These 11 States accounted for 45 percent of total 1999 gross withdrawals. The State of Missouri reported zero gross withdrawals.

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the

year in which the report month falls. States reporting monthly data on nonhydrocarbon gases removed are estimated based on annual data reported on Form EIA-895. States' nonhydrocarbon gases as an annual percentage of gross withdrawals reported is applied to each State's monthly gross withdrawal data to produce an estimate of nonhydrocarbon gases removed.

Final Monthly Data

Beginning with report year 1990, States filing the Form EIA-627, "Annual Quantity and Value of Natural Gas Report," were asked to supply monthly breakdowns of all data previously reported on an annual basis. The sums of the reported figures were used to calculate monthly volumes. In 1997 the Form EIA-627 was discontinued. States were requested to file an annual schedule on the monthly Form EIA-895, "Monthly Quantity and Value of Natural Gas Report."

For States not supplying monthly data on the annual schedule of the EIA-895, final monthly data are calculated by proportionally allocating the differences between total annual data reported on the Form EIA-895 and the sum of monthly data (January-December).

Note 2. Supplemental Gaseous Fuels

Annual Data

Annual data are published from Form EIA-176.

Preliminary Monthly Data

All monthly data are considered preliminary until after the publication of the *Natural Gas Annual* for the year in which the report month falls. Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the monthly sum of these three elements to compute a monthly supplemental gaseous fuels figure.

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly data are estimated based on the revised annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from

storage. This ratio is applied to the revised monthly sum of these three elements to compute final monthly data.

Note 3. Production

Annual Data

Natural gas production data are collected from 33 gas-producing States on Form EIA-895 which includes gross withdrawals, vented and flared, repressuring, nonhydrocarbon gases removed, fuel used on leases, marketed production (wet), and extraction loss. The U.S. Minerals Management Service (MMS) also supplies data on the quantity and value of natural gas production on the Gulf of Mexico and Outer Continental Shelf. No adjustments are made to the data.

Estimated Monthly Data

State marketed production data for a particular month are estimated if data are unavailable at the time of publication. The data are estimated based on final monthly data reported on the Form EIA-895 for the previous year.

Estimates for total U.S. marketed production are based on final monthly data reported on the Form EIA-895 for the previous year. State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the EIA-895. These ratios are applied to the month's estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Estimates for gross withdrawal data are calculated from final monthly data filed on Form EIA-895 for the previous year.

Preliminary Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* for the year in which the report month falls. Preliminary monthly data are published from reports from the Form EIA-895 and the MMS. Volumetric data are converted, as necessary, to a standard 14.73 psia pressure base. Data are revised as Table 7 monthly data are updated.

Final Monthly Data

Final monthly data are the sums of monthly data reported on the annual Form EIA-895, "Monthly

Quantity and Value of Natural Gas Report," annual schedule.

Note 4. Imports and Exports

Annual Data and Final Monthly Data

Annual and final monthly data are published from the Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports," which requires data to be reported each quarter by month for the calendar year.

Preliminary Monthly Data - Imports

Preliminary monthly import data are based on data from the National Energy Board of Canada and responses to informal industry contacts and EIA estimates. Preliminary data are revised after the publication of the article "U.S. Imports and Exports of Natural Gas" for the calendar year.

Preliminary Monthly Data - Exports

Preliminary monthly export data are based on historical data from the Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports," informal industry contacts, and information gathered from natural gas industry trade publications. Preliminary monthly data are revised after publication of "U.S. Imports and Exports of Natural Gas" for the calendar year in which the report month falls.

Note 5. Consumption

All Annual Data

All consumption data except electric utility data are from the Form EIA-857 and Form EIA-176. No adjustments are made to the data. Electric utility data are reported on Form EIA-759.

Monthly Data

All monthly data are considered preliminary until after publication of the *Natural Gas Annual*.

Total Consumption

Preliminary Monthly Data

The most current month estimate is calculated based on the arithmetic average change from the previous

month for the previous 3 years. The following month this estimate is revised by summing the components (pipeline fuel, lease and plant fuel, and deliveries to consumers).

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly total consumption is obtained by summing its components.

Residential, Commercial, and Industrial Sector Consumption

Preliminary Monthly Data

Preliminary monthly residential, commercial, and industrial data are from Form EIA-857. See Appendix C, "Statistical Considerations," for a detailed explanation of sample selection and estimation procedures.

Average Price of Deliveries to Consumers

Price data are representative of prices for gas sold and delivered to residential, commercial, and industrial consumers. These prices do not reflect average prices of natural gas transported to consumers for the account of third parties or "spot-market" prices.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are estimated by allocating annual consumption data from the Form EIA-176 to each month in proportion to monthly volumes reported in Form EIA-857.

Agricultural Use

Beginning with the reporting of 1996 annual data, the EIA changed the customer category used for reporting deliveries to consumers in the agricultural industry from commercial to industrial. In 1995 and earlier years, consumption of natural gas for agricultural use was classified as commercial use. Separate reports of the volumes affected are not available so the direct impact of this change is not known. Most natural gas consumed in agriculture is used to drive irrigation systems and to dry crops.

In comparing sectoral use over time, note that:

- There is an inherent shift in natural gas volumes from the commercial to industrial sectors due simply to changes in the reporting requirements. This break in series may indicate a spurious increase in industrial consumption with a corresponding decrease in the commercial sector.
- The sum of natural gas volumes consumed by the commercial and industrial sectors will not be changed by this modification of the instructions.

Electric Utility Sector Consumption

All Monthly Data

Monthly data published are from Form EIA-759.

Pipeline Fuel Consumption

Preliminary Monthly Data

Preliminary data are estimated based on the pipeline fuel consumption as an annual percentage of total consumption from the previous year's Form EIA-176. This percentage is applied to each month's total consumption figure to compute the monthly estimate.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are based on the revised annual ratio of pipeline fuel consumption to total consumption from the Form EIA-176. This ratio is applied to each month's revised total consumption figure to compute final monthly pipeline fuel consumption estimates.

Lease and Plant Fuel Consumption

Preliminary Monthly Data

Preliminary monthly data are estimated based on lease and plant fuel consumption as an annual percentage of marketed production. This percentage is applied to each month's marketed production figure to compute estimated lease and plant fuel consumption.

Final Monthly Data

Monthly data are revised after publication of the *Natural Gas Annual*. Final monthly plant fuel data are based on a revised annual ratio of lease and plant fuel consumption to marketed production from Form EIA-176. This ratio is applied to each month's revised marketed production figure to compute final monthly plant fuel consumption estimates. Final monthly lease data are collected on the Form EIA-895 and estimates from the Form EIA-176. See the *Natural Gas Annual* for a complete discussion of this process.

Note 6. Extraction Loss

Annual Data

Extraction loss data are calculated from filings of Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production." For a fuller discussion, see the *Natural Gas Annual*.

Preliminary Monthly Data

Preliminary data are estimated based on extraction loss as an annual percentage of marketed production. This percentage is applied to each month's marketed production to estimate monthly extraction loss.

Final Monthly Data

Monthly data are revised after the publication of the *Natural Gas Annual*. Final monthly data are estimated by allocating annual extraction loss data to each month based on its total natural gas marketed production.

Note 7. Natural Gas Storage

Underground Natural Gas Storage

All monthly data concerning underground storage are published from the EIA-191. A new EIA-191 became effective in January 1994. Injection and withdrawal data from the EIA-191 survey are adjusted to correspond to data from Form EIA-176 following publication of the *Natural Gas Annual*.

Underground and Liquefied Natural Gas Storage

The final monthly and annual storage and withdrawal data shown in Table 2 include both underground and liquefied natural gas (LNG) storage. Underground storage data are obtained from the EIA-191 and EIA-176 surveys in the manner described earlier. Annual data on LNG additions and withdrawals are taken from Form EIA-176. Monthly data are estimated by computing the ratio of each month's underground storage additions and withdrawals to annual underground storage additions and withdrawals and applying it to annual LNG data.

Types of Underground Storage Facilities

There are three principal types of underground storage facilities in operation in the United States today: salt caverns (caverns hollowed out in salt "bed" or "dome" formations), depleted fields (depleted reservoirs in oil and/or gas fields), and aquifer reservoirs (water-only reservoirs conditioned to hold natural gas). A storage facility's daily deliverability or withdrawal capability is the amount of gas that can be withdrawn from it in a 24-hour period. Salt cavern storage facilities generally have high deliverability because all of the working gas in a given facility can be withdrawn in a relatively short period of time. (A typical salt cavern cycle is 10 days to deplete working gas, and 20 days to refill working gas.) By contrast, depleted field and aquifer reservoirs are designed and operated to withdraw all working gas over the course of an entire heating season (about 150 days). Further, while both traditional and salt cavern facilities can be switched from withdrawal to injection operations during the heating season, this is usually more quickly and easily done in salt cavern facilities, reflecting their greater operational flexibility.

Note 8. Average Wellhead Value

Annual Data

Form EIA-895 requests State agencies to report the quantity and value of marketed production. When complete data are unavailable, the form instructs the State agency to report the available value and the quantity of marketed production associated with this value. A number of States reported volumes of production and associated values for other than marketed production. In addition, information for several States which were unable to provide data

was obtained from Form EIA-176. It should be noted that Form EIA-176 reports a fraction of State production. The imputed value of marketed production in each State is calculated by dividing the State's reported value by its associated production. This unit price is then applied to the quantity of the State's marketed production to derive the imputed value of marketed production.

Preliminary Monthly Data

Preliminary values for the monthly U.S. natural gas wellhead price are estimated from the New York Mercantile Exchange (NYMEX) futures closing price for near-month delivery at the Henry Hub, and prevailing cash market prices (spot prices) at 5 major trading hubs: Henry Hub, LA; Carthage, TX; Katy, TX; Waha, TX; and Blanco, NM. The NYMEX price is reported in the trade publication, *Gas Daily* (published by Financial Times Energy). The spot prices are published in another trade publication, *Natural Gas Week* (Energy Intelligence Group), and they reflect the spot delivered-to-pipeline, volume-weighted average prices for natural gas bought and sold at the specified trading hubs. Prices include processing, gathering, and transportation fees to the hubs. The estimated wellhead prices are derived with a statistical procedure based on analysis of monthly time series data for the period 1995 through the present. A statistical procedure was adopted beginning with publication of the February 1999 issue of the *Natural Gas Monthly*. The preliminary estimates are replaced when annual survey data become available, usually about 10 months after the end of the report year.

Final Monthly Data

The Form EIA-895 requests State agencies to report monthly values of marketed production. Preliminary monthly gas price data are replaced by these final monthly data.

Note 9. Balancing Item

The "balancing item" category represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to quantities lost or to the effects of data reporting problems.

Reporting problems include differences due to the net result of conversions of flow data metered at varying temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents.

Annual Data

Annual data are from the *Natural Gas Annual*. For an explanation of the methodology involved in calculating annual "balancing item" data, see the *Natural Gas Annual*.

Preliminary Monthly Data

Preliminary monthly data in the "balancing item" category are calculated by subtracting dry gas production, withdrawals from storage, supplemental gaseous fuels, and imports from total supply/disposition.

Note 10. Heating Degree-Days

Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day data bases maintained by the National Oceanic and Atmospheric Administration. The information published in the *Natural Gas Monthly* is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland.

The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the country. The temperature information recorded at these weather stations is used to calculate State-wide degree-day averages weighted by gas home customers. The State figures are then aggregated into Census Divisions and into the national average.

Appendix B

Data Sources

The data in this publication are taken from survey reports authorized by the U.S. Department of Energy (DOE), Energy Information Administration (EIA) and by the Federal Energy Regulatory Commission (FERC). The EIA is the independent statistical and analytical agency within the DOE. The FERC is an independent regulatory commission within the DOE which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The EIA conducts and processes some of the surveys authorized by the FERC. Data are collected from two annual surveys and five monthly surveys.

The annual report is the Form EIA-176, a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across State lines.

The monthly reports include two surveys of the natural gas industry, two surveys of the electric utility industry, and a voluntary survey completed by energy or conservation agencies in the gas producing States. The natural gas industry survey is the Form EIA-191 filed by companies that operate underground storage facilities, and the Form EIA-857 is filed by a sample of companies that deliver natural gas to consumers. The electric utility industry surveys are the Form EIA-759 filed by all generating electric utilities and the Form FERC-423 filed by fossil fueled plants. Responses to these four monthly surveys are mandatory.

A description of the survey respondents, reporting requirements, and processing and editing of the data is given on the following pages for each of the surveys.

Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

Survey Design

The original version of Form EIA-176 was approved in 1980 with a mandatory response requirement.

Prior to 1980, published data were based on voluntary responses to Bureau of Mines, U.S. Department of the Interior predecessor Forms BOM-6-1340-A and BOM-6-1341-A of the same title.

In 1982, the scope of the revised EIA-176 survey was expanded to collect the number of electric utility consumers in each State, volumes of gas transported to industrial and electric utility consumers, detailed information on volumes transported across State borders by the respondent for others and for the responding company, and detailed information on other disposition. These changes were incorporated to provide more complete survey information with a minimal change in respondent burden. The 1982 version of the Form EIA-176 continues to be the basis for the current version of this form.

In 1988, the Form EIA-176 was revised to include data collection for deliveries of natural gas to commercial and industrial consumers for the account of others.

In 1990, the Form EIA-176 was revised to include more detailed information for gas withdrawn from storage facilities, gas added to storage facilities, deliveries of company-owned natural gas and natural gas transported for the account of others. The revised form was approved for use beginning with report year 1990.

Upon the Office of Management and Budget's approval in 1993, the Form EIA-176 was again revised. All deliveries to consumers were categorized as firm or interruptible. Commercial and industrial consumers were categorized as nonutility power producers or as those excluding nonutility power producers.

Approval of the Form EIA-176 for use through 1999 was received in 1996 from OMB. The form was modified as outlined in the "Change in Definition of Consumption Sector" below.

After being approved by the OMB in 1999, the Form EIA-176 was revised to: (1) change the filing date from April 1 following the end of the report year to March 1 following the end of the report year, (2) remove the requirement to distinguish between firm and interruptible deliveries to consumers; and (3) remove the requirement to distinguish between gas volumes delivered to commercial and industrial consumers having nonutility generation of electricity from those not generating electricity.

Data reported on this form are no longer considered proprietary. Response to the form continues to be mandatory.

Survey Universe and Response Statistics

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies, investor and municipally owned natural gas distributors, underground natural gas storage operators, synthetic natural gas plant operators, and field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities) and/or that transport gas to, across, or from a State border through field or gathering facilities.

Each company and its parent company or subsidiaries were required to file if they met the survey specifications. The original mailing in 2000 for report year 1999 totaled 1,872 questionnaire packages. To this original mailing, 8 names were added and 18 were deleted as a result of the survey processing. Additions were the result of comparisons of the mailing list to other survey mailing lists. Deletions resulted from post office returns and determinations that companies were out of business, sold, or not within the scope of the survey. After all updates, the survey universe was 1,847 responses from approximately 1,400 companies.

Following the original mailing, second request mailing, and nonrespondents follow-up, 1,826 responses were entered into the data base, and there were 21 nonrespondents.

Summary of Form EIA-176 Data Reporting Requirements

The EIA-176 is a multi-line schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the State indicated. Respondents file completed forms with EIA in Washington, DC. Data for the report year are due by March 1st. Extensions of the filing deadline for up

to 30 days are granted to any respondent upon request.

All natural gas and supplemental gaseous fuels volumes are reported on a physical custody basis in thousand cubic feet (Mcf), and dollar values are reported to the nearest whole dollar. All volumes are reported at 14.73 pounds per square inch absolute pressure (psia) and 60 degrees Fahrenheit.

Routine Form EIA-176 Edit Checks

A series of manual and computerized edit checks are used to screen the Form EIA-176. The edits performed include validity, arithmetic, and analytical checks.

The incoming forms are reviewed prior to keying. This prescan determines if the respondent identification (ID) number and the company name and address are correct, if the data on the form appear complete and reasonable, and if the certifying information is complete.

Manual checks on the data are also made. Each form is prescanned to determine that data were reported on the correct lines. The flow of gas through interstate pipelines is checked at the company level to ensure that each delivery from a State is matched with a corresponding receipt in an adjoining State.

After the data are keyed, computer edit procedures are performed. Edit programs verify the report year, State code, and arithmetic totals. Further tests are made to ensure that all necessary data elements are present and that the data are reasonable and internally consistent. The computerized edit system produces error listings with messages for each failed edit test. When problems occur, respondents are contacted by telephone and required to file amended forms with corrected data.

Other EIA Publications Referencing Form EIA-176

Data from Form EIA-176 are also published in the *Natural Gas Annual*.

Form EIA-627 and Form EIA-895

Survey Design

Beginning with 1980 data, natural gas production data previously obtained on an informal basis from the appropriate State agencies were collected on the

Form EIA-627, "Annual Quantity and Value of Natural Gas Report." This form was designed by the EIA to collect annual natural gas production data from the appropriate State agencies under a standard data reporting system within the limits imposed by the diversity of data collection systems of the various producing States. It was also designed to avoid duplication of the efforts involved in the collection of production and value data by producing States and to avoid an unnecessary respondent burden on gas and oil well operators. In 1993, value and associated volume of marketed production by month were added to the EIA-627. In 1996, the Form EIA-627 was discontinued. The information is collected on an annual schedule on the Form EIA-895.

In 1993, the Office of Management and Budget approved the Form EIA-627 for use in report years 1994 through 1996. In 1994, the IOGCC decided to discontinue collection of their form. Data collection on the Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," began in January 1995. This form was designed to replace the Interstate Oil and Gas Compact Commission (IOGCC) form, "Monthly Report of Natural Gas Production." All gas producing States are requested to report on the Form EIA-895; a voluntary report. In 1996, an annual schedule was added to the voluntary Form EIA-895 to replace the Form EIA-627. Data are reported by State agencies. The form was designed to provide a standard reporting system, to the extent possible, for the natural gas data reported by the States. Data are not considered proprietary.

Survey Universe and Response Statistics

Form EIA-895 is mailed to energy or conservation agencies in all 33 natural gas producing States. All producing States participate voluntarily in the EIA-895 survey by filing the completed form or by responding to telephone contacts. EIA-895 survey by filing the completed form or by responding to telephone contacts.

Reports on State production are due 20 days after the end of the report month. (In most cases, the data are not available to the States until after this time period. Therefore, States are requested to send the report within 80 days after the end of the report month.) The annual schedule of the Form EIA-895 is due with the December data report.

Of the 33 natural gas producing states, all participated in the voluntary EIA-895 survey by filing the completed form or by responding to telephone contacts. Data on the quantities of nonhydrocarbon

gases removed in 1999 were reported by the appropriate agencies of 11 of the 33 producing States. These 11 States accounted for 45 percent of total 1999 gross withdrawals. The State of Missouri reported zero gross withdrawals.

The commercial recovery of methane from coalbeds contribute a significant amount to the production totals in a number of States. Coalbed methane seams production quantities (in million cubic feet) are included in gross withdrawals totals for the following States: Alabama (114,657), Colorado (380,081), and New Mexico (610,062).

Summary of Data Reporting Requirements

The Form EIA-895 is a two-page form divided into five parts. Part I requests identifying information including the name and location of the responding State agency and the name and telephone number of a contact person within the agency. Part II collects monthly data on the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; and marketed production. Part III of the form is for reporting the monthly volume and value of marketed production. Part IV of the form is the annual schedule which collects data on the number of producing gas wells, the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; marketed production; the value of marketed production; and quantity of marketed production (value based). Part V is space to be used by the respondent to explain data elements reported that may be based on definitions differing from those applied to data in previous years.

Respondents are asked to report all volumes in thousand cubic feet at the State's standard pressure base and at 60 degrees Fahrenheit. All dollar values are reported in thousands.

Routine Form EIA-895 Edit Checks

Each filing of Form EIA-895 is manually checked for reasonableness and mathematical accuracy. Information on the forms is compared to totals of monthly data reported. Volumes are converted, as necessary, to a standard 14.73 psia pressure base.

Reasonableness of data is assessed by comparing reported data to the previous year's data. State agencies are contacted by telephone to correct errors. Amended filings or resubmissions are not a requirement, since participation in the survey is voluntary.

Other EIA Publications Referencing Form EIA-895

Data from Form EIA-895 are also published in the EIA publication, *Natural Gas Annual*.

EIA-191 Survey, "Monthly Underground Gas Storage Report"

Survey Design

The Form EIA-191, "Monthly Underground Gas Storage Report," was revised effective January 1994. Among the changes from the form used from 1991 through 1993 is a distinction between a monthly and annual survey. Prior to 1991, data on the storage of natural gas were collected on a survey jointly implemented in 1975 by the Federal Power Commission (FPC), the Federal Energy Administration (FEA), and the Bureau of Mines (BOM) as the FPC-8/FEA-G-318 system. The data received on both the FPC-8 and FEA-G-318 were computerized and aggregated by FPC. The form was previously revised in 1991 to include storage data by State, field, and reservoir.

At the beginning of 1979, the EIA assumed responsibility for the collection, processing, and publication of the data gathered in the survey. Form FEA-G-318 was renewed on July 1, 1979, as Form EIA-191 and the survey was retitled the FPC-8/EIA-191 Survey (Figure D4 shows the EIA-191). Form FPC-8 was renewed in December 1985 and the survey retitled FERC-8/EIA-191 Survey. The forms were not merged because of FERC's stated desire to maintain the separate identity of the FERC-8 for administrative reasons. In September 1995, the FERC discontinued the reporting requirements of Form FERC-8. FERC jurisdictional firms will continue to file Form EIA-191.

Survey Universe and Response Statistics

The 140 companies that operate underground facilities file the Form EIA-191. The response rate as of the filing deadline is approximately 20 percent.

Data from the remaining 80 percent of respondents are received in writing and/or by telephone within 3 to 4 days after the filing deadline. All data supplied by telephone are subsequently filed in writing, generally within 15 days of the filing deadline. The final response rate is 100 percent.

Summary of EIA-191 Data Reporting Requirements

The EIA-191 monthly schedule contains current month and prior month's data on the total quantities of gas in storage, injections and withdrawals, the location (including State and county, field, reservoir) and peak day withdrawals during the reporting period. Prior month's data are required only when data are revised. The annual schedule contains type of facility, storage field capacity, maximum deliverability and pipelines to which each field is connected. The annual schedule is filed with the December submission.

Collection of the survey is on a custody basis. Information requested must be provided within 20 days after the first day of each month. Twelve reports are required per calendar year. Respondents are required to indicate whether the data reported are actual or estimated. For most of the estimated filings, the actual data or necessary revisions are reflected in the prior month section of the monthly form. Actual data on natural gas injections and withdrawals from underground storage are based on metered quantities. Data on quantities of gas in storage and on storage capacity represent, in part, reservoir engineering evaluations. All volumes are reported at 14.73 psia and 60 degrees Fahrenheit.

Routine Form EIA-191 Edit Checks

Data received on Form EIA-191 are entered into the survey processing system. The survey's five principal data elements (total, base, working gas in storage, injections, and withdrawals) receive a preliminary visual edit to eliminate and correct obvious errors or omissions. Respondents are required to re-file reports containing any inconsistencies or errors.

Other EIA Publications Referencing Form EIA-191

The EIA publications *Monthly Energy Review* and *Winter Fuels Report* contain data from the EIA-191 survey.

“Quarterly Natural Gas Import and Export Sales and Price Report”

Survey Design

The collection of data covering natural gas imports and exports was begun in 1973 by the Federal Power Commission (FPC). On October 1977, FPC ceased to exist and its data collection functions were transferred to the Federal Energy Regulatory Commission (FERC) within the Department of Energy (DOE). From 1979 to 1994, the Energy Information Administration (EIA) has had the responsibility for collecting Form FPC-14, “Annual Report for Importers and Exporters of Natural Gas.” Data are not considered proprietary. The Form FPC-14 was discontinued in 1995.

Beginning in 1995, import and export data are taken from the “Quarterly Natural Gas Import and Export Sales and Price Report.” This report is prepared by the Office of Fossil Energy, U.S. Department of Energy, based on information submitted by all firms having authorization to import or export natural gas.

Survey Universe and Response Statistics

All companies are required, as a condition of their authorizations to import or export natural gas, to file quarterly reports with the Office of Fossil Energy. These data are collected as part of its regulatory responsibilities. The data are reported at a monthly level of detail.

Routine Edit Checks

Respondents are required to certify the accuracy of all data reported. The data are checked for reasonableness and accuracy. If errors are found, the companies are required to file corrected data. The data are compared with data reported by the National Energy Board of Canada and are published quarterly. All natural gas volumes in this report are expressed at a pressure base of 14.73 pounds per square inch absolute and temperature of 60 degrees Fahrenheit, except as noted. All import and export prices are in U.S. dollars and, except for LNG exports, are those paid at the U.S. border. LNG export prices are those paid at the point of sale and delivery in Yokohama, Japan.

Form EIA-857, “Monthly Report of Natural Gas Purchases and Deliveries to Consumers”

Survey Design

The original Form EIA-857 was approved for use in December 1984. Response to the Form EIA-857 is mandatory on a monthly basis. Data collected on the Form EIA-857 cover the 50 States and the District of Columbia and include both price and volume data. Data are considered proprietary.

Survey Universe and Response Statistics

A sample of approximately 400 natural gas companies, including interstate pipelines, intrastate pipelines, and local distribution companies, report to the survey. The sample was selected independently for each of the 50 States and the District of Columbia from a frame consisting of all respondents to Form EIA-176 who reported deliveries of natural gas to consumers in the residential, commercial, or industrial sectors. Each selected company is required to complete and file the Form EIA-857 on a monthly basis. Initial response statistics on a monthly basis are as follows: responses received by due date, approximately 50 percent, and responses received after follow-up, 100 percent. When a response is extremely late, and the company represents less than 25 percent of the natural gas volumes delivered by all sampled companies in the State, values are imputed as described in Appendix C. When the company's submission is eventually received, the submitted data are used for future processing and revisions.

The Form EIA-857 is a monthly sample survey of firms delivering natural gas to consumers. It provides data that are used to estimate monthly sales of natural gas (volume and price) by State and monthly deliveries of natural gas on behalf of others (volume) by State to three consumer sectors - residential, commercial, and industrial. (Monthly deliveries and prices of natural gas to electric utilities are reported on the Form FERC-423, “Monthly Report of Cost and Quality of Fuels for Electric Plants,” and the Form EIA-759, “Monthly Power Plant Report.”) See Appendix C for a discussion of the sample design and estimation procedures.

Summary of Form EIA-857 Data Reporting Requirements

Data collected monthly on the Form EIA-857 on a State level include the volume and cost of purchased gas, the volume and cost of natural gas consumed by sector (residential, commercial, and industrial), and the average heat content of all gas consumed. Respondents file completed forms with EIA in Washington, DC on or before the 30th day after the end of the report month.

All natural gas volumes are reported in thousand cubic feet at 14.73 psia at 60 degrees Fahrenheit and dollar values are reported to the nearest whole dollar.

Routine Form EIA-857 Edit Checks

A series of manual and computerized edit checks are used to screen the Form EIA-857. The edits performed include validity and analytical checks.

Appendix C

Statistical Considerations

The monthly sales (volume and price) and monthly deliveries (volume) of natural gas to residential, commercial and industrial consumers presented in this report by State are estimated from data reported on the Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." (See Appendix B for a description of this Form.) These estimations must be made from the reported data since the Form EIA-857 is a sample survey. A description of the sample design and the estimation procedures is given below.

Sample Design

The Form EIA-857 is a monthly sample survey of companies delivering natural gas to consumers. It includes inter- and intrastate companies, and producers, as well as local distribution companies. The survey provides data that are used each month to estimate the volume of natural gas delivered and the price for onsystem sales of natural gas by State to three consumer sectors—residential, commercial, and industrial. Monthly deliveries and prices of natural gas to electric utilities are reported on the Form EIA-759, "Monthly Power Plant Report," and the Form FERC-423, "Monthly Report of Costs and Quality of Fuels for Electric Plants."

Sample Universe. The sample currently in use was selected from a universe of 1,468 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 1999 who reported sales or deliveries to consumers in the residential, commercial or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

Sampling Plan. The goal was a sample that would provide estimates of monthly natural gas consumption by the three consuming sectors within each State and the District of Columbia. A stratified sample using a single stage and systematic selection with probability

proportional to size was designed. The measure of size was the volume of natural gas physically delivered in the State to the three consuming sectors by the company in 1999. There were two strata—companies selected with certainty and companies selected under the systematic probability proportional to size design.

Initial calculations showed that a 25 percent sample of companies would yield reasonably accurate estimates. The sample was selected independently in each State, resulting in a national total of 386 respondent companies.

Certainty Stratum. Since estimates were needed for each of the 50 States and the District of Columbia, the strata were established independently within each State. In 16 States and the District of Columbia where sampling was not feasible due to small numbers of companies and/or small volumes of gas deliveries, all companies were selected. The 16 States were: Alaska, Connecticut, Delaware, Hawaii, Idaho, Maine, North Dakota, New Hampshire, New Jersey, Nevada, Oregon, Rhode Island, South Dakota, Utah, Vermont, and Washington.

For each of the remaining States, the total volumes of industrial sales and deliveries and of the combined residential/commercial sales and deliveries were determined. Companies with natural gas deliveries to the industrial sector or to the combined residential/commercial sector above a certain level were selected with certainty. Since a few large companies often account for most of the natural gas delivered within a State, this ensures those companies' inclusion in the sample. The formula for determining certainty was applied independently in the two consumer sectors—the industrial and the combined residential/commercial. These selected companies, together with the companies in the jurisdictions discussed where sampling was not feasible, formed the certainty stratum.

All companies with natural gas deliveries in sector j greater than the cut-off value (C_j) were included in the certainty stratum. The formula for C_j was:

$$C_j = \frac{X_{.j}}{2n} \quad (1)$$

where:

C_j = cutoff value for consumer sector j ,

n = target sample size to be selected for the State, 25 percent of the companies in the State,

$X_{.j}$ = the annual volume of natural gas deliveries by company i to customers in consumer sector j ,

X_i = the sum within State of annual gas volumes for company i ,

X_j = the sum within State of annual gas volumes in consumer sector j ,

$X_{..}$ = the sum within State of annual gas volumes in all consumer sectors.

Noncertainty Stratum. All other companies formed the noncertainty stratum. They were systematically sampled with probability proportional to size. The measure of size for each company was the total volume of gas sales to all consumer sectors (X_i). The number of companies to be selected from the noncertainty stratum was calculated for each State, with a minimum of 2.

The formula for selecting the number of noncertainty stratum companies was:

$$m = n \frac{X_2}{X_{..}} \quad (2)$$

where:

m = the sample size for the noncertainty stratum within a State,

X_2 = the sum within State of the X_i for all companies in the noncertainty stratum.

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width

I for selecting the companies systematically was calculated using.

A uniform random number R was selected between zero and $\left(I = \frac{X_2}{m} \right) I$. The first sampled company was

the first company on the list to have a cumulative measure of size greater than R . The second company selected was the first company on the list to have a cumulative measure of size greater than $R + I$. $R + I$ was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

Subgroups. In four States, the noncertainty stratum was divided into subgroups to ensure that gas in each consumer sector could be estimated. The systematic sample with probability proportional to size design described above was applied independently in each subgroup. The methods for determining the subgroup sample size and calculating the subgroup interval for sample selection were the same as the methods described above for the noncertainty stratum, except that X_2 was the sum within State of the X_i for only those companies in the subgroup.

These subgroups were defined only for the purpose of sample selection. They are:

California: companies handling only industrial gas and all other companies.

Colorado: companies delivering more than four billion cubic feet of natural gas during 1979 and those delivering less than that amount.

Louisiana: companies delivering only to industrial consumers and other companies.

Texas: companies delivering only to industrial consumers; companies delivering to industrial and commercial consumers only; companies delivering to residential and commercial consumers only; and those delivering to all three sectors.

Estimation Procedures

Estimates of Volumes. A ratio estimator is applied to the volumes reported in each State by the sampled companies to estimate the total gas sales and deliveries for the State. Ratio estimators are calculated for each consumer sector—residential, commercial, and industrial—in each State where companies are sam-

pled. The following annual data are taken from the most recent submissions of Form EIA-176:

The formula for calculating the ratio estimator (E_{vj}) for the volume of gas in consumer sector j is:

$$E_{vj} = \frac{Y_{.j}}{Y'_{.j}} \quad (3)$$

where:

$Y_{.j}$ = the sum within State of annual gas volumes in consumer sector j for all companies,

$Y'_{.j}$ = the sum within State of annual gas volumes in consumer sector j for those companies in the sample.

The ratio estimator is applied as follows:

$$V_{.j} = y_{.j} \times E_{vj} \quad (4)$$

where:

$V_{.j}$ = the State estimate of monthly gas volumes in consumer sector j ,

$y_{.j}$ = the sum within State of reported monthly gas volumes in consumer sector j .

Computation of Natural Gas Prices. The natural gas volumes that are included in the computation of prices represent only those volumes associated with natural gas sales.

The price of natural gas for a State within a sector is calculated as follows:

$$P_j = \frac{R_j}{V_j}$$

where:

P_j = the average price for gas sales within the State in consumer sector j ,

R_j = the reported revenue from natural gas sales within the State in consumer sector j ,

V_j = the reported volume of natural gas sales within the State in consumer sector j .

All average prices are weighted by their corresponding sales volume estimates when national average prices are computed.

The monthly average prices of natural gas are based on sales data only. Volumes of gas delivered for the account of others to these consumer sectors are not included in the State or national average prices.

Table 25 shows the percent of the total State volume that represents volumes from natural gas sales to the commercial and industrial sectors. This table may be helpful in evaluating commercial and industrial price data. Virtually all natural gas deliveries to the residential sector represent onsystem sales volumes only.

See the section on consumer price calculations in this Appendix for further price information.

Estimation for Nonrespondents. A volume for each consumer category is imputed for companies that fail to respond. The imputation is based on the previous month's value reported by the non-responding company and the change from the previous month to the current month in volumes reported by other companies in the State. The imputed volumes are included in the State totals. To estimate prices for non-respondents, the unit price (dollars per thousand cubic feet) reported by the company in the previous month is used.

The formula for imputing volumes of gas sales for nonrespondents was:

$$F_t = F_{t-1} \times \frac{y_{.jt}}{y_{.jt-1}} \quad (5)$$

where:

F_t = imputed gas volume for current month t ,

F_{t-1} = gas volume for the company for the previous month,

$y_{.jt}$ = gas volume reported by companies in the State stratum for report month t ,

$y_{.jt-1}$ = gas volume in the previous month for companies in the State stratum that reported in month t .

Final Revisions

Adjusting Monthly Data to Annual Data. After the annual data reported on the Form EIA-176 have been submitted, edited, and prepared for publication in the *Natural Gas Annual*, revisions are made to

monthly data. The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly* to match them to the annual values appearing in the *Natural Gas Annual*. The revised monthly estimates allocate the difference between the sum of monthly estimates and the annual reports according to the distribution of the estimated values across the months.

Before the final revisions are made, changes or additions to submitted data received after publication of the monthly estimate and not sufficiently large to require a revision to be published in the *Natural Gas Monthly*, are used to derive an updated estimate of monthly consumption and revenues for each State's residential, commercial, or industrial natural gas consumption.

For each State, two numbers are revised, the estimated consumption and the estimated price per thousand cubic feet.

The formula for revising the estimated consumption is:

$$V^*_{jm} = V_{jm} + \left[(V_{ja} - V'_{jm}) \left(\frac{V_{jm}}{V'_{jm}} \right) \right] \quad (6)$$

where:

V^*_{jm} = the final volume estimate for month m in consumer sector j,

V_{jm} = the estimated volume for month m in consumer sector j,

V_{ja} = the volume for the year reported on Form EIA-176,

V'_{jm} = The annual sum of estimated monthly volumes.

The price is calculated as described above in the Estimation Procedures section, using the final revised consumption estimate and a revised revenue estimate.

The formula for revising the estimated revenue is:

$$R^*_{jm} = R_{jm} + \left[(R_{ja} - R'_{jm}) \left(\frac{R_{jm}}{R'_{jm}} \right) \right] \quad (7)$$

where:

R^*_{jm} = the final revenue estimate for month m in consumer sector j,

R_{jm} = the estimated revenue for month m in consumer sector j,

R_{ja} = the revenue for the year reported on Form EIA-176,

R'_{jm} = The annual sum of estimated monthly revenues. Revision of Volumes and Prices for Deliveries to Electric Utilities. Revisions to monthly electric utilities data are published throughout the year as they become available.

Reliability of Monthly Data

The monthly data published in this report are subject to two sources of error - nonsampling error and sampling error. Nonsampling errors occur in the collection and processing of the data. See the discussion of the Form EIA-857 in Appendix B for a description of nonsampling errors for monthly data.

Sampling error may be defined as the difference between the results obtained from a sample and the results that a complete enumeration would provide. The standard error statistic is a measurement of sampling error.

Standard Errors. A standard error of an estimate is a statistical measure that indicates how the estimate from the sample compares to the result from a complete enumeration. Standard errors are calculated based on statistical theory that refers to all possible samples of the same size and design.

The standard errors for monthly natural gas volume estimates by State are given in Table C1. Ninety-five percent of the time, the volume that would have been obtained from a complete enumeration will lie in the range between the estimated volume minus two standard errors and the estimated volume plus two standard errors.

The standard error of the natural gas volume estimate is the square root of the variance of the estimate. The formula for calculating the variance of the volume estimate is:

$$V(\hat{Y}) = \sum_{h=1}^H \left[N_h^2 \frac{(1 - \frac{n_h}{N_h})}{n_h(n_h - 1)} \left(\sum_{i=1}^{n_h} (y_i - T x_i)^2 \right) \right] \quad (8)$$

where:

H = the total number of strata

N_h = the total number of companies in stratum h

n_h = the sample size in stratum h

y_i = the reported monthly volume for company i

x_i = the reported annual volume for company i

T = the ratio of the sum of the reported monthly volumes for sample companies to the sum of the reported annual volumes for the sample companies.

Table C-1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, August 2001

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	39	326	2,571	2,592	0.52	5.58	4.82
Alaska	0	0	0	0	—	—	—
Arizona	12	101	0	102	0.16	0.15	—
Arkansas	34	337	186	386	0.57	0.20	0.61
California	68	110	1,787	1,792	0.05	0.19	0.37
Colorado	179	69	377	423	0.52	0.25	1.35
Connecticut	0	0	0	0	—	—	—
Delaware	0	0	0	0	—	—	—
District of Columbia	0	0	0	0	—	—	—
Florida	205	249	1,251	1,292	1.35	0.94	1.09
Georgia	386	234	22,616	22,620	4.16	3.90	1.30
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	0	0	—	—	—
Illinois	162	22,469	25,018	33,627	0.42	0.72	0.67
Indiana	260	400	4,859	4,883	2.07	1.29	5.24
Iowa	51	24	157	167	1.00	0.46	0.81
Kansas	178	3,524	30,113	30,319	3.84	1.93	3.65
Kentucky	24	72	804	808	—	1.66	2.38
Louisiana	0	0	3,537	3,537	—	—	0.01
Maine	0	0	0	0	—	—	—
Maryland	0	38	33	50	—	0.26	0.31
Massachusetts	0	0	0	0	—	—	—
Michigan	21	52	506	509	0.24	0.23	0.35
Minnesota	185	19	775	797	0.32	0.50	0.52
Mississippi	9	31	339	340	0.46	0.26	0.80
Missouri	97	72	669	680	0.12	0.10	0.92
Montana	2	1	0	2	0.03	0.04	—
Nebraska	12	14	11	21	0.26	0.07	0.06
Nevada	0	0	0	0	—	—	—
New Hampshire	0	0	0	0	—	—	—
New Jersey	0	0	0	0	—	—	—
New Mexico	16	371	412	555	0.27	2.00	—
New York	400	3,303	3,917	5,139	0.49	0.11	0.50
North Carolina	40	27	632	634	0.18	0.02	0.27
North Dakota	0	0	0	0	—	—	—
Ohio	142	640	1,469	1,609	0.21	0.36	6.09
Oklahoma	120	6,583	368	6,594	0.68	0.92	3.70
Oregon	0	0	0	0	—	—	—
Pennsylvania	44	228	2,391	2,403	0.72	0.34	0.60
Rhode Island	0	0	0	0	—	—	—
South Carolina	21	211	641	675	1.24	0.37	0.26
South Dakota	0	0	0	0	—	—	—
Tennessee	381	721	867	1,191	1.49	4.39	2.07
Texas	324	2,150	7,589	7,894	0.52	0.34	0.28
Utah	0	0	0	0	—	—	—
Vermont	0	0	0	0	—	—	—
Virginia	109	118	581	602	0.05	0.65	1.22
Washington	0	0	0	0	—	—	—
West Virginia	69	364	433	570	0.61	0.12	1.83
Wisconsin	0	0	0	0	—	—	—
Wyoming	2	25	40	47	0.27	0.33	1.36
Total	932	24,042	46,660	52,497	0.15	0.14	0.39

— Not Applicable.

Source: Energy Information Administration, Form EIA-857, "Monthly

Report of Natural Gas Purchases and Deliveries to Consumers."

Appendix D

Articles, Special Focuses and Special Reports

A variety of energy-related subjects are frequently included in this publication. The following articles have appeared in previous issues.

Feature Articles

<i>Natural Gas 1998: Issues and Trends - Executive Summary</i>	April 1999
<i>Revisions to Monthly Natural Gas Data</i>	July 1998
<i>EIA Corrects Errors in EIA's Drilling Activity Estimates Series</i>	March 1998
<i>Recent Trends in Natural Gas Spot Prices</i>	December 1997
<i>Natural Gas Residential Pricing Developments During the 1996-97 Winter</i>	August 1997
<i>Revisions to Monthly Natural Gas Data</i>	July 1997
<i>Intricate Puzzle of Oil and Gas Reserves Growth</i>	July 1997
<i>Restructuring Energy Industries: Lessons from Natural Gas</i>	May 1997

Special Focuses

<i>Impact of Interruptible Natural Gas Service on Northeast Heating Oil Demand</i>	January 2001
<i>Status of Natural Gas Pipeline System Capacity Entering the 2000-2001 Heating Season</i>	October 2000
<i>Corporate Realignments and Investments in the Interstate Natural Gas Transmission System</i>	October 1999
<i>Deliverability on the Interstate Natural Gas Pipeline System</i>	May 1998
<i>Advance Summary: U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, 1996 Annual Report - Advance Summary</i>	September 1997
<i>Worldwide Natural Gas Supply and Demand and the Outlook for Global LNG Trade</i>	August 1997
<i>Outlook for Natural Gas Through 2015</i>	January 1997
<i>Natural Gas Productive Capacity</i>	January 1997

Special Reports

<i>U.S. Natural Gas Imports and Exports 2000</i>	September 2001
<i>Natural Gas Winter Outlook 2000-2001</i>	October 2000
<i>U.S. Natural Gas Imports and Exports - 1999</i>	August 2000
<i>Natural Gas 1999: A Preliminary Summary</i>	May 2000
<i>Next Generation * Natural Gas (NG)² Information Requirements — Executive Summary</i>	February 2000
<i>Increasing Importance of Natural Gas Imports on the U.S. Marketplace</i>	February 2000
<i>Natural Gas Winter Outlook 1999-2000</i>	October 1999
<i>U.S. Natural Gas Imports and Exports - 1998</i>	August 1999
<i>Retail Unbundling</i>	July 1999
<i>Natural Gas 1998: A Preliminary Summary</i>	April 1999
<i>U.S. Natural Gas Imports and Exports - 1997</i>	August 1998
<i>Revisions to Monthly Natural Gas Data</i>	July 1998
<i>Natural Gas 1997: A Preliminary Summary</i>	April 1998
<i>Comparison of Natural Gas Storage Estimates from the EIA and AGA</i>	October 1997
<i>U.S. Underground Storage of Natural Gas in 1997: Existing and Proposed</i>	September 1997
<i>U.S. Natural Gas Imports and Exports - 1996</i>	August 1997
<i>Revisions to Monthly Natural Gas Data</i>	July 1997
<i>Natural Gas 1996: Highlights</i>	April 1997
<i>Natural Gas Pipeline and System Expansions</i>	April 1997
<i>Natural Gas Analysis and Geographic Information Systems</i>	March 1997

Appendix E

Technical Contacts

Section	Tables	Principal Data Sources	Technical Contact
Summary Statistics: Natural Gas Production	1,2,3	Monthly: EIA-895, "Monthly Quantity and Value of Natural Gas Report" Annual: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Sharon Belcher (202)586-6119 Roy Kass (202)586-4790
Extraction Loss	1	Monthly: EIA computations Annual: Form EIA-816, "Monthly Natural Gas Liquids Report" and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"	Margaret Natof (202)586-6303
Supplemental Gaseous Fuels	2	Monthly: EIA computations Annual: Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"	Margaret Natof (202)586-6303
Imports and Exports	2	Monthly: EIA computations Annual: Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Import and Exports"	Margaret Natof (202)586-6303
Price: City Gate, Residential, Commercial, and Industrial	4	Monthly: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202)586-4790
Wellhead	4	Monthly: EIA computations Annual: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sylvia Norris (202)586-6106
Electric Utility	4	Monthly: Form FPC-423, "Cost and Quality of Fuels for Electric Power Plants"	Roy Kass (202)586-4790
Summary of Natural Gas Imports and Exports	5,6	Monthly: Quarterly Natural Gas Import and Export Sales and Price Report	Margaret Natof (202)586-6303
Producer Related Activities: Natural Gas Production	7,8	Monthly: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202)586-6119
Underground Storage:	9,10,11, 12,13,14	Monthly: Form EIA-191, "Monthly Underground Gas Storage Report"	Carol Jones (202) 586-6168
Distribution and Consumption: Deliveries to: Residential, Commercial, Industrial, Electric Utility, All Consumers	15 16 17 18 19	Monthly: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	Roy Kass (202)586-4790
Average Price to: City Gate, Residential, Commercial, Industrial, Electric Utility Onsystem Sales	20 21 22 23 24 25	Monthly: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	Roy Kass (202)586-4790
Heating Degree Days	26	Seasonal: National Oceanic and Atmospheric Administration	Roy Kass (202)586-4790 Patricia Wells (202)586-6077
Highlights			Mary Carlson (202)586-4749

Glossary

Aquifer Storage Field: A sub-surface facility for storing natural gas, consisting of water-bearing sands topped by an impermeable cap rock.

Balancing Item: Represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to quantities lost or to the effects of data reporting problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems which vary in scope, format, definitions, and type of respondents.

Base (Cushion) Gas: The volume of gas needed as a permanent inventory to maintain adequate underground storage reservoir pressures and deliverability rates throughout the withdrawal season. All native gas is included in the base gas volume.

British Thermal Unit (Btu): The heat required to raise the temperature of one pound of water by one degree Fahrenheit at or near 39.2 degrees Fahrenheit.

City-gate: A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

Commercial Consumption: Gas used by nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services such as hotels, restaurants, wholesale and retail stores and other service enterprises; and gas used by local, State and Federal agencies engaged in nonmanufacturing activities.

Depletion: The loss in service value incurred in connection with the exhaustion of the natural gas reserves in the course of service.

Depleted Storage Field: A sub-surface natural geological reservoir, usually a depleted oil or gas field, used for storing natural gas.

Depreciation: The loss in service value not restored by current maintenance, incurred in connection with the consumption or respective retirement of a gas plant in the course of service from causes that are known to be in current operation and against which the utility is not protected by insurance; for example, wear and tear, decay, obsolescence, changes in demand and requirements of public authorities, and the exhaustion of natural resources.

Dry Natural Gas Production: Marketed production less extraction loss.

Electric Utility: An enterprise that is engaged in the generation, transmission, or distribution of electric energy primarily for use by the public and that is the major power supplier within a designated service area. Electric utilities include investor-owned, publicly-owned, cooperatively-owned, and government-owned (municipals, Federal agencies, State projects, and public power districts) systems.

Electric Utility Consumption: Gas used as fuel in electric utility plants.

Exports: Natural gas deliveries out of the continental United States and Alaska to foreign countries.

Extraction Loss: The reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants.

Flared: The volume of gas burned in flares on the base site or at gas processing plants.

Gas Condensate Well: A gas well that produces from a gas reservoir containing considerable quantities of liquid hydrocarbons in the pentane and heavier range generally described as "condensate."

Gas Well: A well completed for the production of natural gas from one or more gas zones or reservoirs

Gross Withdrawals: Full well stream volume, including all natural gas plant liquid and nonhydrocarbon gases, but excluding lease condensate. Also includes amounts delivered as royalty payments or consumed in field operations.

Heating Value: The average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

Imports: Natural gas received in the Continental United States (including Alaska) from a foreign country.

Independent Producers: Any person who is engaged in the production or gathering of natural gas and who sells natural gas in interstate commerce for resale but who is not engaged in the transportation of natural gas (other than gathering) by pipeline in interstate commerce.

Industrial Consumption: Natural gas used for heat, power, or chemical feedstock by manufacturing establishments or those engaged in mining or other mineral extraction as well as consumers in agriculture, forestry, and fisheries. Also included in industrial consumption are natural gas volumes used in the generation of electricity by other than regulated electric utilities.

Interstate Companies: Natural gas pipeline companies subject to FERC jurisdiction.

Intransit Deliveries: Redeliveries to a foreign country of foreign gas received for transportation across U.S. territory and deliveries of U.S. gas to a foreign country for transportation across its territory and redelivery to the United States.

Intransit Receipts: Receipts of foreign gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. gas transported across foreign territory.

Intrastate Companies: Companies not subject to FERC jurisdiction.

Lease and Plant Fuel: Natural gas used in well, field, lease operations and as fuel in natural gas processing plants.

Liquefied Natural Gas (LNG): Natural gas that has been liquefied by reducing its temperature to minus 260 degrees Fahrenheit at atmospheric pressure.

Marketed Production: Gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations. Includes all quantities of gas used in field and processing operations. See Explanatory Note 1 for discussion of coverage of data concerning nonhydrocarbon gases removed.

Native Gas: Gas in place at the time that a reservoir was converted to use as an underground storage reservoir as in contrast to injected gas volumes.

Natural Gas: A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or solution with oil in natural underground reservoirs at reservoir conditions.

Nonhydrocarbon Gases: Typical nonhydrocarbon gases that may be present in reservoir natural gas are carbon dioxide, helium, hydrogen sulfide, and nitrogen.

Oil Well (Casinghead) Gas: Associated and dissolved gas produced along with crude oil from oil completions.

Onsystem Sales: Sales to customers where the delivery point is a point on, or directly interconnected with, a transportation, storage, and/or distribution system operated by the reporting company.

Pipeline Fuel: Gas consumed in the operation of pipelines, primarily in compressors.

Repressuring: The injection of gas into oil or gas formations to effect greater ultimate recovery.

Residential Consumption: Gas used in private dwellings, including apartments, for heating, cooking, water heating, and other household uses.

Salt Cavern Storage Field: A storage facility that is a cavern hollowed out in either a salt "bed" or "dome" formation.

Storage Additions: The volume of gas injected or otherwise added to underground natural gas or liquefied natural gas storage during the applicable reporting period.

Storage Withdrawals: Total volume of gas withdrawn from underground storage or liquefied natural gas storage during the applicable reporting period.

Supplemental Gaseous Fuels Supplies: Synthetic natural gas, propane-air, refinery gas, biomass gas, air injected for stabilization of heating content, and manufactured gas commingled and distributed with natural gas.

Synthetic Natural Gas (SNG): A manufactured product chemically similar in most respects to natural gas, that results from the conversion or reforming of petroleum hydrocarbons and may easily be substituted for or interchanged with pipeline quality natural gas.

Therm: One-hundred thousand British thermal units.

Underground Gas Storage Reservoir Capacity: Interstate company reservoir capacities are those certificated by FERC. Independent producer and intrastate

company reservoir capacities are reported as developed capacity.

Vented Gas: Gas released into the air on the base site or at processing plants.

Wellhead Price: Represents the wellhead sales price, including charges for natural gas plant liquids subsequently removed from the gas, gathering and compression charges, and State production, severance, and/or similar charges.

Working (Top Storage) Gas: The volume of gas in an underground storage reservoir above the designed level of the base. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any season.

